"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

21(7), 21(8) SOV/56-37-3-7/62

AUTHORS: Laberrig-Frolova, Zh. V., Balandin, M. P., Otvinovskiy, S. G.

TITLE: On the Absorption of π^+-Mesons With Energies of Approximately 5o Mev by Carbon Nuclei

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 37, Nr 3(9), pp 634 - 638 (USSR)

ABSTRACT: By means of a propane bubble chamber the authors investigated the π^+-μ^+-e^+-decay and have already given a report on this investigation (Refs 1,2); during evaluation of the photographs also the stars formed on the occasion of the absorption of (5o±2o)Mev π^+-mesons in carbon nuclei were investigated (figure 1 shows the photograph of a double-pronged- and figure 3 the recording of a triple-pronged star). The cross section of the formation of such stars was determined as amounting to (1.5±3[illegible]mb. Figure 3 shows the distribution of the stars according to the number of their prongs (the double- and triple-pronged stars are the most frequent, the single- and four-pronged ones about half as frequent as the triple-pronged stars) and for the purpose of comparing the results from reference 11 (dotted lines) also the

Card 1/3

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On the Absorption of π^+-Mesons With Energies of Approxi- SOV/56-37-3-7[illegible]
mately 50 Mev by Carbon Nuclei

results are given, which were obtained at E_{π^+} = 250 ÷ [illegible] Mev.

Deviation is insignificant, but also stars having 6 and 7 prongs were found to occur. The average number of prongs per star was determined to 2.6±0.3. The angular distribution of the prongs with respect to the direction of motion of the π^+-mesons is shown by figure 4. It is found that the number of the prongs N_f which lead to the front hemisphere is 1.81 times as large as the number N_b leading to the rear hemisphere. The ratio $(N_f-N_b)/(N_f+N_b)$ is used for the determination of anisotropy. The following values of this ratio were determined: $1.00^{+0.29}_{-0.56}$ (1), $0.36^{+0.09}_{-0.1}$ (2), 0.36±0.08 (3), 0.18±0.09 (4), 0.20±0.16 (5). The numbers in parentheses indicate the respective number of the prongs of the stars. In this summary a certain tendency of an increase of anisotropy with the decreasing number of prongs is observed. Figure 5 shows the distribution of the double-pronged stars according to the angle a between the two prongs. The distribution shows a considerable increase of the

Card 2/3

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On the Absorption of π^+-Mesons With Energies of Approxi- SOV/[illegible]
mately 50 mev by Carbon Nuclei

stars with increasing α. Finally, the authors thank B. A. [illegible] korvo for suggestions and his interest in this work, V. A. [illegible] sejenko, V. Trifonov, and Ye. Yarova for carrying out measurements. **Zh. V. Laberrig-Frolova** also thanks Professor L. I. Blokhintsev and Professor V. P. Dzhelepov for her good reception at the Institute at Dubna. There are 5 figures and 13 references, 5 of which are Soviet.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: April 4, 1959

Card 3/3

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

BALANDIN, M.P.; MOISEYENKO, V.A.; MUKHIN, A.I.; OTVINOVSKIY, S.Z.

Investigation of $\pi^+ \to \mu^+ \to e^+$ decay by means of a propane bubble chamber and scintillation counters. Zhur.eksp. i teor.fiz. 36 no.2:424-432 F '59. (MIRA 12:4)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Nuclear reactions--Measurement)

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21(7)

AUTHORS: Balandin, M. P., Moiseyenko, V. A., Mukhin, A. I., Ctvinovskiy, S. Z.

SOV/56-36-2-12/[illegible]

TITLE: Investigation of $\pi^+ - \mu^+ - e^+$-Decay by Means of a Propane Bubble Chamber and Scintillation Counters

(Issledovaniye $\pi^+ - \mu^+ - e^+$-raspada pri pomoshchi propanovoy puzyr'kovoy kamery i stsintillyatsionnykh schetchikov)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 36, Nr 2, pp 424-432 (USSR)

ABSTRACT: After the discovery of the nonconservation of parity in the case of weak interaction (Refs 1, 2) the results of a number of investigations of μ-e-decay were published, which were carried out partly by means of electronic particle recording (Refs , 4) and partly with photoemulsions (Refs 5, 6). In 1957 reports were published concerning also investigations carried out by means of hydrogen- (Ref 7) and propane bubble chambers (Refs 8, 9). The advantages and disadvantages of the a methods are discussed in short in the introduction. The authors of the present paper also used a propane bubble chamber for the purpose of recording particles. The present paper intends to investigate

Card 1/4

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OTVOS, Ervin, dr.

Gastric secretion and atropine effect. Orv. hetil. 103 no.35:1642-1651 2 S '62.

1. Fovarosi Tanacs VIII/3. Szakrendelointezet, Rontgenosztaly.
(GASTRIC JUICE) (ATROPINE)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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MANDY, Tamas; OTVOS, Ervin, Jr.

The "lymph" problem and surface granulitization; also, a remark by G.Panto. Foldt kozl 90 no.2:192-199 Ap-Je '60. (EEAI 10:2)

1. Epitoipari es Kozlekedesi Muszaki Egyetem Asvany- es Foldtani Tanszek, Budapest (for Mandy)
(Hungary--Geology)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, Ervin, dr.

Investigations on physiopathological transformations in peptic ulcer by means of successive atropine test. Orv. hetil. 96 no.41: 1129-1133 Oct 55.

1. A VIII. ker. Tanacs Rendelointezetenek (igazgato-foorvos: Egyedi Laszlo dr.) Rontgenosztalyanak (vezeto-foorvos: Wimmer Imre dr.)

(PEPTIC ULCER, diagnosis
early, atropine sulfate test, eff. on gastric motility)
(ATROPINE
sulfate, test, early diag. value in peptic ulcer, eff. on gastric motility)

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OTVOS, Janos, dr.

The library of Assurbanipal. Elet tud 16 no.45:Suppl.:-
Tarkatudomany 2 no.23:177-178 5 N '61.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, J.

Collections of museum pieces at the Debrecen Reformed College. p. 187.

EVKONYVE. Deri Museum. Debrecen, Hungary. 1957 (published 1958).

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11, November 1959.

Uncl.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

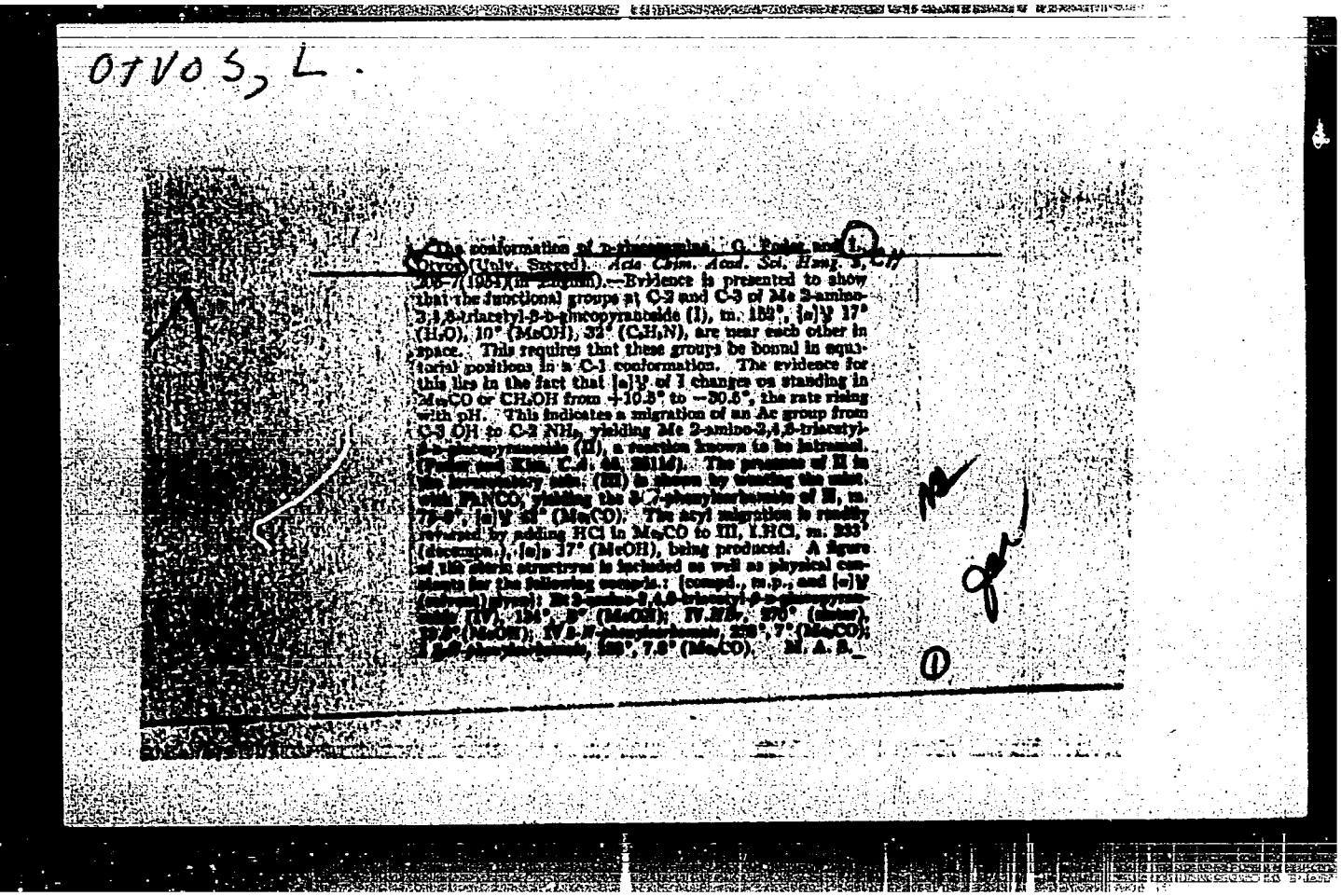
OTVOS, Janos, dr.

World of codices. Elet tud 17 no.10:Supplement:Tarkatudomany 3 no.5:33-34 '62

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, L.



The conformation of 2-deoxystreptamine. G. Foldesi and L. Otvos (Univ. Szeged). *Acta Chim. Acad. Sci. Hung.* 5, C/1 205–7 (1954) (in English).—Evidence is presented to show that the functional groups at C-2 and C-3 of Me 2-amino-2,3,6-trideoxy-β-D-glucopyranoside (I), m. 185°, $[\alpha]_D^{\gamma}$ 17° (H_2O), 10° (MeOH), 32° (C_5H_5N), are near each other in space. This requires that these groups be bound in equatorial positions in a C-1 conformation. The evidence for this lies in the fact that $[\alpha]_D^{\gamma}$ of I changes on standing in Me_2CO or CH_3OH from +10.5° to −30.5°, the rate rising with pH. This indicates a migration of an Ac group from C-3 OH to C-2 NH_2, yielding Me 2-amino-2,3,6-trideoxy-β-D-glucopyranoside (II), a reaction known to be intramol. (Foldesi and Kiss, *C.A.* 44, 3811d). The presence of II in the isomerization mix. (III) is shown by treating this mixt. with $PhNCO$, yielding the 3′,7-phenylurethane of II, m. 71–9°, $[\alpha]_D^{\gamma}$ 31° (MeCO). The acyl migration is readily reversed by adding HCl in Me_2CO to III, 1 HCl, m. 233° (decompn.), $[\alpha]_D$ 17° (MeOH), being produced. A figure and the sterik structures is included as well as physical constants for the following compds.: [compd., m.p., and $[\alpha]_D^{\gamma}$ (solvent)] given: Me 2-amino-2,4,6-trideoxy-β-D-glucopyranoside (IV), 134°, 0° (MeOH); IV 3,4-, 270° (decomp.), 27.5° (Me_2CO); IV 3,4-di-*p*-phenylazobenzoate, 228°, 7° (Me_2CO); IV 3,4-di-phenylurethane, 188°, 7.5° (Me_2CO). M. A. B.

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alkylamines, if the induction performance of the substitutes was weaker than in α-substituted alkylamines. The presence of steric obstacles results in a decrease of the alkylamine basicity. The discovered regularities were used at the conformation analysis of isobutylamine and aminocyclohexanol.

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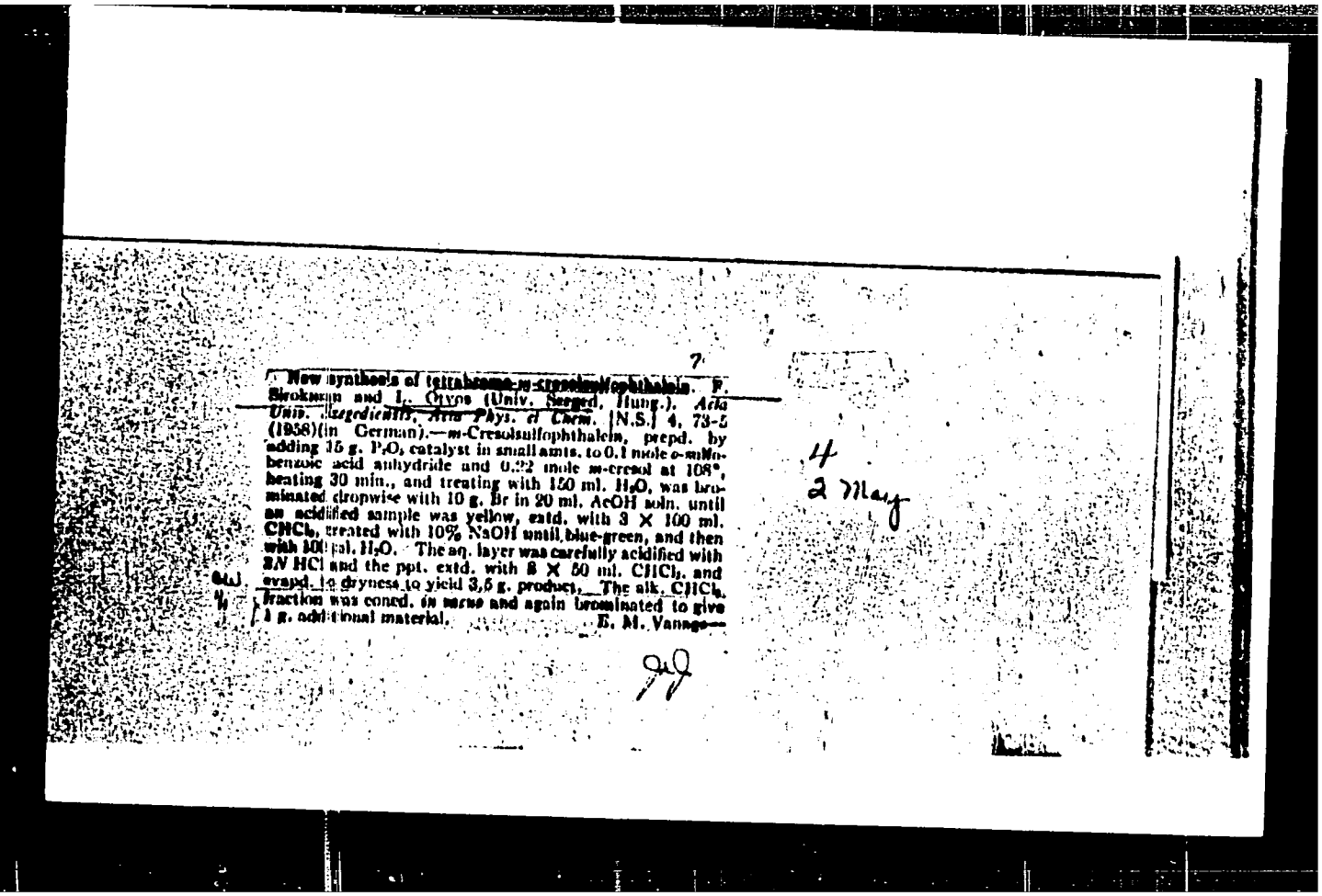

7

New synthesis of tetrabromo-*m*-cresolsulfophthalein. F. Brokman and I. Gyene (Univ. Szeged, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem.* [N.S.] 4, 73-5 (1958)(in German).—*m*-Cresolsulfophthalein, prepd. by adding 15 g. P_2O_5 catalyst in small amts. to 0.1 mole *o*-sulfobenzoic acid anhydride and 0.22 mole *m*-cresol at 108°, heating 30 min., and treating with 150 ml. H_2O, was brominated dropwise with 10 g. Br in 20 ml. AcOH soln. until an acidified sample was yellow, extd. with 3 × 100 ml. $CHCl_3$, treated with 10% NaOH until blue-green, and then with 10% sol. H_2O. The aq. layer was carefully acidified with 2*N* HCl and the ppt. extd. with 8 × 50 ml. $CHCl_3$, and evapd. to dryness to yield 3.6 g. product. The alk. $CHCl_3$ fraction was concd. *in vacuo* and again brominated to give 1 g. additional material. E. M. Vanago—

4
2 May

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

Correlation of steric structure with dissociation constants in organic compounds. III. Carboxylic acids. L. Otvos, F. Sirokmán, and O. Gaál (Univ. Szeged, Hung.). *Acta Univ. Szegediensis Acta Phys. et Chem.* [N.S.], 4, 131–3 (1958)(in English); cf. *C.A.* 51, 16472d.—NaOEt (from 60 g. Na and 1300 ml. anhyd. EtOH) treated with 477 g. $CH_2(CO_2Et)_2$, the whole cooled below 5°, 358 g. Me_2CBr added in 1 hr., the mixt. kept 1 week, refluxed 1 hr., the EtOH distd., the residue dissolved in H_2O, extd. with Et_2O, and the exts. dried, concd., and distd. gave 90 g. $Me_2CCH(CO_2Et)_2$ (I), b. 202–3°. I (90 g.) and 140 ml. 50% KOH refluxed until homogeneous (0.5 hr.), 50 ml. H_2O added, the EtOH distd., the aq. soln. acidified with concd. HCl to pH 1, the ppted. KCl filtered off, the KCl and the filtrate extd. with Et_2O, and the combined Et_2O exts. dried, concd., and distd. gave 8.7 g. $Me_2CCH_2CO_2H$ (II), b. 189–90°; *Na salt*, crystals from EtOH–EtOAc. II has a dissocn. const. 1.0855×10^{-5} at 25° (pK_a 4.998) and is a weaker acid than $Me_2CHCH_2CO_2H$ (1.67×10^{-5}, pK_a 4.78) and $PrCO_2H$ (1.50×10^{-5}, pK_a 4.82). The decrease in dissocn. const. is attributed to the steric effects of the neopentyl group.

Harry E. Vale

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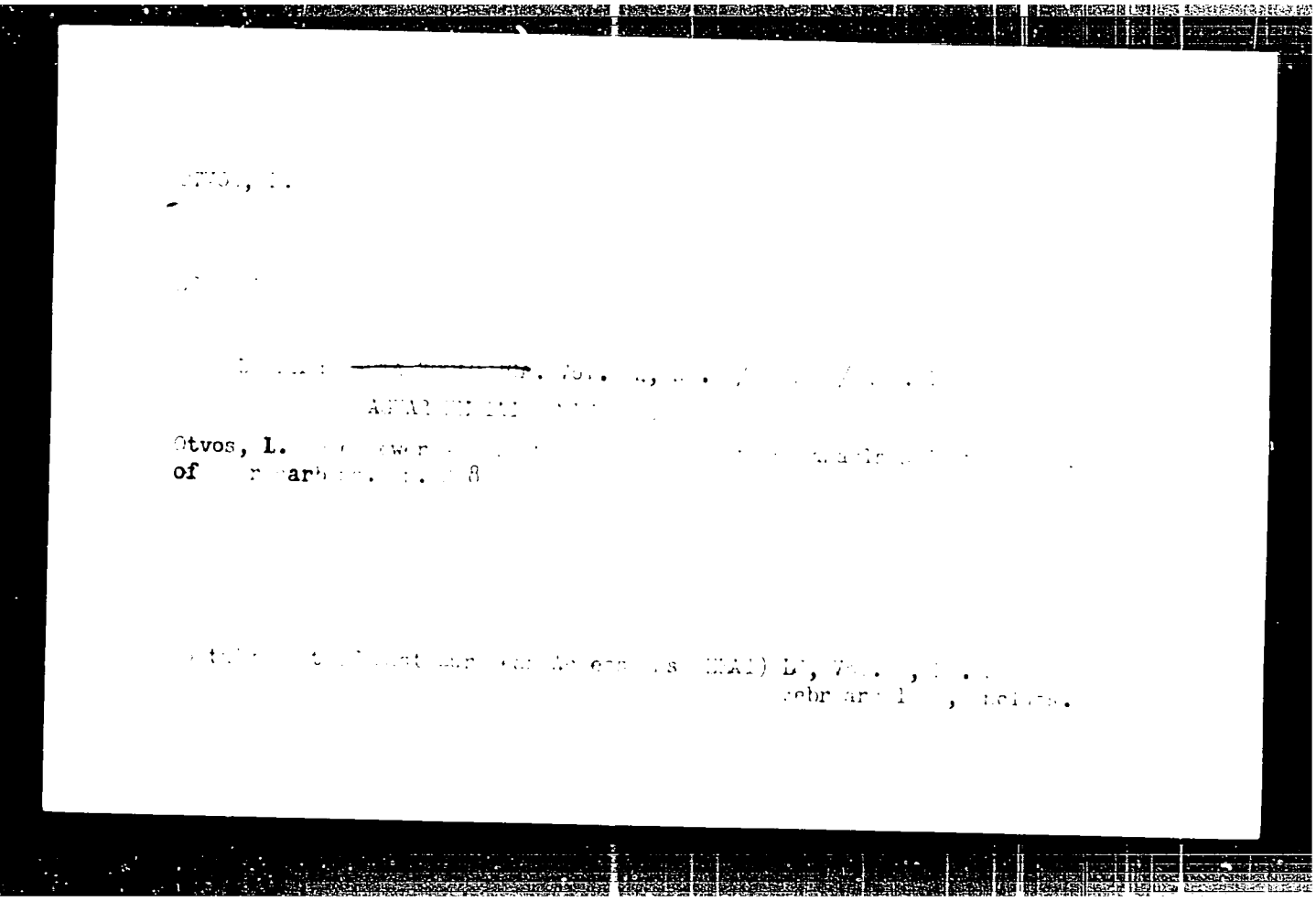

Otvos, L.
of

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTvos, L.

Constitution of trimethylsulfoxonium iodide. D. Bánó, G. Fodor, and L. Otvos (Hung. Acad. Sci., Budapest). *Chem. & Ind.* (London) 1959, 1102.—$C^{14}H_3I$ with Me_2SO gave $(C^{14}H_3Me_2SO)I$ (I), which was transmethylated with C_5H_5N and quinoline by the procedure of Kuhn and Trischmann (*C.A.* 52, 14523g) for the radioinactive compd. The quaternary salts formed were found to be 1/3rd as active as I, which was evidence for sym. bonding of the 3 Me groups and hence for the *S*-oxo-*S*-trimethylsulfonium salt constitution of the adduct. The results agreed with the structure suggested by K. and T. (*loc. cit.*) and by Smith and Winstein (*C.A.* 53, 4180e).

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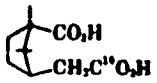
OTVOS, L.

9

Pyrolytic decarboxylation of C^{14} carboxylic acids. L. Otvos and L. Nogradi. *Tetrahedron Letters* 1960, No. 2, 19–22.—The mechanism suggested by Nesmeyanov and Paschke (*CA* 33, 5367[9]) for the formation of ketones by dry distn. of appropriate carboxylates as taking place through a β-oxocarboxylic acid arising from a condensation process was tested by pyrolysis of the Ca salt of activated homocamphoric acid (I) contg. a $C^{14}O_2H$ group adjacent



(I)

to the secondary C atom. Cleavage of α-campholide with $KC^{14}N$ and the K salt of homocamphoric acid seminitrile (II) subjected to acid hydrolysis, the corresponding dicarboxylic acid (III) converted to the Ca salt and the salt dry distd. gave camphor (IV), identified as the oxime. The activities of the compds. were detd. with a gas phase counter and the activities tabulated (compd. and activities in μc/mM given): II, 17.2; III, 17.2; IV oxime, 0.19. In the course of pyrolysis the activity passed almost entirely into the liberated CO_2. It was assumed that 3-carboxycamphor was immediately formed by addn. of a CH_2 group attached to the $C^{14}O_2H$ group with consequent decarboxylation. The reaction was considered in a general sense as an anionic addn. process in which the formation of the carbanion may have taken place by splitting off a proton and reaction through a β-oxocarboxylic acid or by catalyzed liberation of CO_2 and reaction through the alcoholate of a geminal diol. Where a possibility for both reactions occurred, the mechanism of N. and P. (*loc. cit.*) dominated. C. R. Addinall

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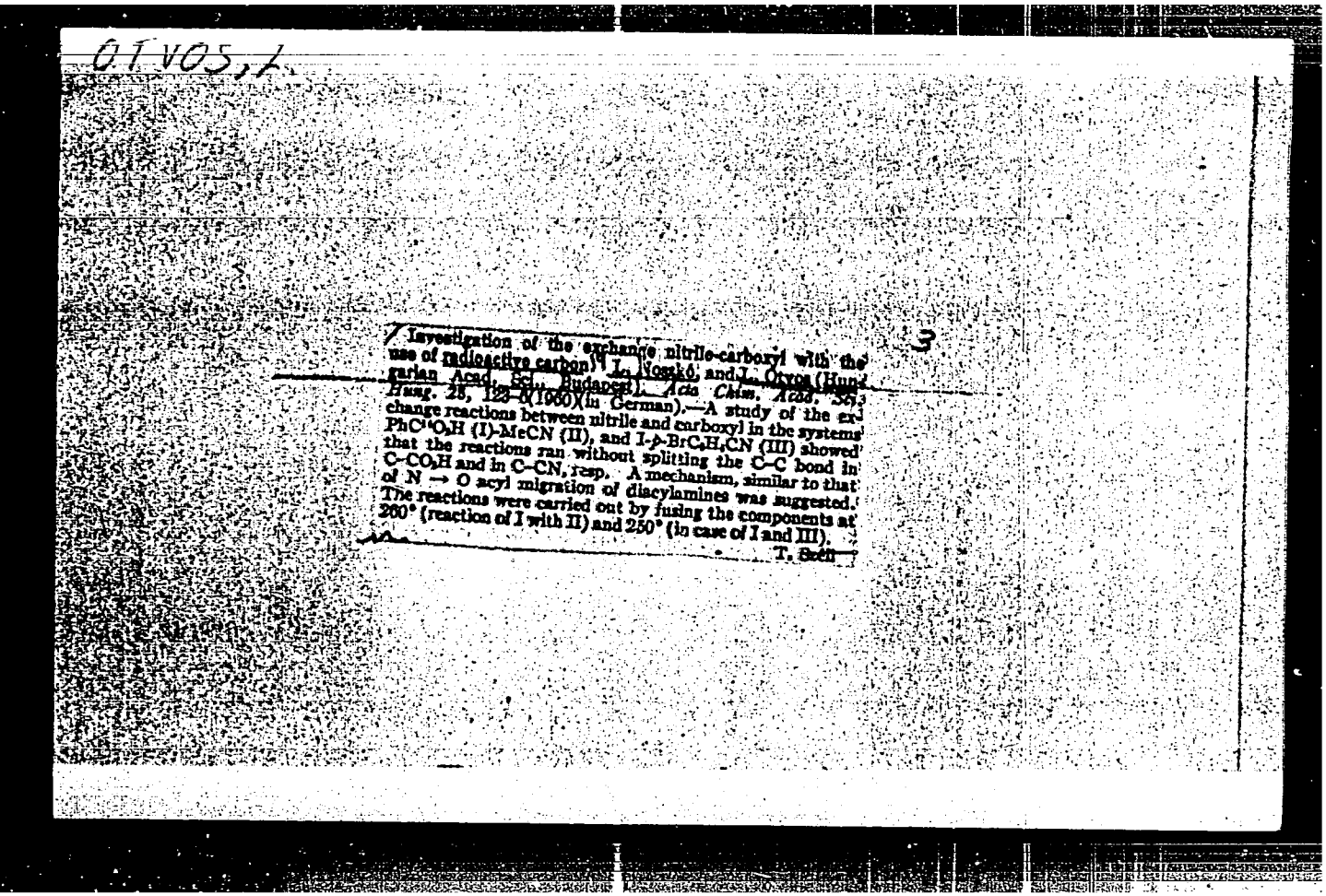

OTVOS, L.

Investigation of the exchange nitrile-carboxyl with the use of radioactive carbon. I. Vosicki, and L. Otvos (Hungarian Acad. Sci., Budapest). *Acta Chim. Acad. Sci. Hung.* 25, 123–9 (1960) (in German).—A study of the exchange reactions between nitrile and carboxyl in the systems PhC^{14}O$_2$H (I)-MeCN (II), and I-*p*-BrC$_6$H$_4$CN (III) showed that the reactions ran without splitting the C–C bond in C–CO$_2$H and in C–CN, resp. A mechanism, similar to that of N → O acyl migration of diacylamines was suggested. The reactions were carried out by fusing the components at 260° (reaction of I with II) and 250° (in case of I and III).

T. Szél

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OTVOS, Laszlo (Budapest XIV Hungaria korut 114); NOSZKO, Laszlo (Budapest XIV Hungaria korut 114)

Investigation of the mechanism of the formation of ketones by using ^{14}C-homocamphoric acid. Acta chimica Hung 24 no.2:191-196 '60.
(EEAI 10:4)

1. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest.
(Ketones) (Camphoric acid) (Hydrolysis)
(Pyrolysis) (Potassium cyanide) (Carboxylic acids)
(Carbon) (Radioisotopes) (Carboxycampholanic acid)

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OTVOS, Laszlo (Budapest); MARTON, Jozsef (Budapest); MEISEL-AGOSTON, Julia (Frau) (Budapest)

Investigations by using radioactive acetic anhydride. I. Data on the mechanism of Dakun-West reaction. Acta chimica Hung 24 no.3:321-325 '60. (EEAI 10:3)

1. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest.
(Radioactive substances) (Acetic anhydride)
(Amino acids) (Carboxyl group) (Dakin-West reactions)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, Laszlo (Budapest); MARTON, Jozsef (Budapest); MEISEL-AGOSTON, Julia (Frau) (Budapest)

Investigations by using radioactive acetic anhydride. II. Data on the mechanism between aromatic isocyanates and acid anhydrides. Acta chimica Hung 24 no.3:327-331 '60. (EEAI 10:3)

1. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest.

(Radioactive substances) (Acetic anhydride)
(Aromatic compounds) (Isocyanates) (Acetylcarbamic acid)
(Carbon dioxide) (Acetic acid)

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FODOR, Gabor, akademikus; BEKE, Denesne; BITE, Pal, kandidatus; DOBO, Pal; FARKAS, Lorant, kandidatus; F. VARGA, Eva; LEMPERT, Karoly, kandidatus; OTVOS, Laszlo, kandidatus; SZANTAY, Csaba, kandidatus; URESCH, Ferenc

An account of the Prague Symposium on Natural Organic Compounds. Kem tud kozl MTA 19 no.1:95-103 '63.

1. Magyar Tudomanyos Akademia Sztereokemiai Kutato Csoportja, Budapest (for Fodor, Beke, Lempert, Otvos, Uresch). 2. Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalya (for Bite, Dobo, Farkas, F. Varga, Szantay). 3. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Fodor).

4 prof Central Chemical Research Inst MTA Budapest

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OTVOS, Laszlo (Budapest, II., Pusztaszeri ut 57/69); DUTKA, Ferenc (Budapest, II., Pusztaszeri ut 57/69); TULOS, Helga (Mrs.) (Budapest, II., Pusztaszeri ut 57/69)

Investigations with radioactive acetic anhydride. Pt.3. Acta chimica Hung 43 no.1:53-61 '65.

. Central Research Institute of Chemistry of the Hungarian Academy of Sciences, Budapest.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 17635-66 EWP(j) RM

ACC NR: AT 6009210 SOURCE CODE: HU/2502/65/043/001/0053/0061

AUTHOR: Otvos, Laszlo--Etvesh, L.; Dutka, Ferenc; Tudos, Helga--Tyudesh, Kh. 33

ORG: Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest 21

TITLE: Investigations with radioactive acetic anhydride. Part 3: Examination of the acyl group exchange reactions of carboxylic acid derivatives with acetic anhydride

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 1, 1965, 53-61

TOPIC TAGS: acetic anhydride, tracer study, carbon, alcohol, acetate, amine, pyridine, ester, chemical reaction

ABSTRACT: Acetates of secondary, primary, and tertiary alcohols and N-acetylated amines were treated with C-14 labeled acetic anhydride in the presence of pyridine or of aluminum chloride. The esters of tertiary alcohols and also diacyl amines were shown to undergo an acyl exchange under these conditions with the anhydride by incorporation of radioactive carbon. The mechanism of the process was discussed. Orig. art. has: 4 figures and 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 015

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 17680-66 RM

ACC NR: AT6009223 SOURCE CODE: HU/2502/65/043/002/0155/0158

AUTHOR: Egyed, Janos--Ed'ed, Ya. (Budapest); Meisel-Agoston, Julia--Maysel'-Agoshton, Yu. (Budapest); Otvos, Laszlo--Etvesh, L. (Budapest)

ORG: Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest

TITLE: Investigation of acylated geminal diamines. Part 2: Stereochemistry of the phthalimido-cyanide exchange

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 155-158

TOPIC TAGS: organic synthetic process, amino acid, stereochemistry, cyanide, amine

ABSTRACT: The cycle involving the synthesis of labeled amino acids was performed with optically active amino acids. When the derivative of carbamic acid was reacted with potassium cyanide, complete racemization took place, indicating the monomolecular character of the phthalimide-cyanide exchange as well as in the case of other aldehyde derivatives which hydrolyze to other acids and aldehydes. The synthesis of L-N-phthaloyl-leucyl chloride, L-N-phthaloyl-leucylazide, L-N-(phthalimido-3-methylbutyl)-carbamic acid ethyl ester and DL-leucine was decribed. Orig. art. has: 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 22Sep64 / ORIG REF: 001 / OTH REF: 002

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 17679-66

ACC NR: AT6009224 SOURCE CODE: HU/2502/65/043/002/0159/0160

AUTHOR: Szabolcs, Anna (Budapest); Gruber, Lajos (Budapest); Otvos, Laszlo (Budapest)

ORG: Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest

TITLE: Synthesis of 1,6-bis-(beta-chloroethyl- sup 14 C sub 1 - amino)-1,6-dihydrochloride (degranol- sup 14 C)

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 159-160

TOPIC TAGS: organic synthetic process, drug, carbon, tracer study, hydride, lithium, aluminum, chlorination, cyclic group

ABSTRACT: The synthesis of the drug Degranol (in the C-14 labeled form) was described. Glycine-1-^{14}C ethyl ester was reduced with lithium aluminum hydride to 2-aminoethane-1-^{14}C-1-ol, which was converted by chlorination with thionyl chloride into 2-chloroethylamine-^{14}C. The latter compound was cyclized in the presence of NaOH to ethylene-^{14}C$_1$-imine, which was condensed with 1,2,5,6-dianhydro-3,4-isopropylidene-D-mannitol and the product hydrolyzed to yield ^{14}C-Degranol labeled on the C atom of the β-chloroethylamino group. [JPRS]

SUB CODE: 06, 07 / SUBM DATE: 22Sep64 / ORIG REF: 002 / OTH REF: 003

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ACC NR:

Budapest

using C-14 labeled

acetone [illegible] isopropylamine it was shown that the Meer-
wein [illegible] systems having no oxidation-reduc-
tion potential [illegible] in exchange the completion of
which [illegible] only. According to this finding, a
possibility was presented for the racemization of optically active se-
condary [illegible]. The mechanisms of the above reactions were explained.
[illegible]

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OTVOS, Laszlo

Mechanism of C-acylation reactions. Pt.1. Magy kem lap 18 no. 10:491-49[illegible] 0'63.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezet.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, Laszlo; EGYED, Janos

An account of my study trip to the German Democratic Republic. Kem tud kozl MTA 20 no.1:99-100 '63.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete, Budapest.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTVOS, Laszlo

Mechanism of C-acylation reactions. Pt.2. Magy kem lap 18
no.11:543-550 N '63.

1. Magyar Tudomanyos Akademia Kozponti Kemiai Kutato Intezete.

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EGYED, Janos (Budapest, II., Pusztaszeri ut 57/69); MEISEL-AGOSTON, Julia (Mrs) (Budapest, II., Pusztaszeri ut 57/69); OTVOS, Laszlo (Budapest, II., Pusztaszeri ut 57/69)

Investigation of acylated geminal diamines. Pt. 1. Acta chimica Hung 38 no.2:123-128 '63.

1. Central Research Institute for Chemistry of the Hungarian Academy of Sciences, Budapest.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTWINOWSKI, Wieslaw; [illegible], Zygmunt

Determination of microtrace amounts of manganese in nitric and hydrochloric acids by neutron activation analysis. Nukleonika 8 no.6:411-41[illegible] '63.

1. Instytut Chemii [illegible], Zaklad Fizyki Technicznej, Warszawa.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

T[illegible]WSKI, [illegible]

[illegible]

[illegible] Zakleonika P[illegible]

1. Instytut Chemii Ogolnej, Warszawa 27, Zaklad Fizyki Technicznej.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ALLINA, Zygmunt, mgr; OTWINOWSKI, Wieslaw, mgr

Determination of microtrace amounts of copper, zinc, and arsenic in nitric and hydrochloric acids by the neutron activation analysis. Chem anal [illegible] m. 2:203-211 '64.

1. Department of Technical Physics, Institute of General Chemistry, Warsaw. Head of Department: doc. J. Swietoslawska.

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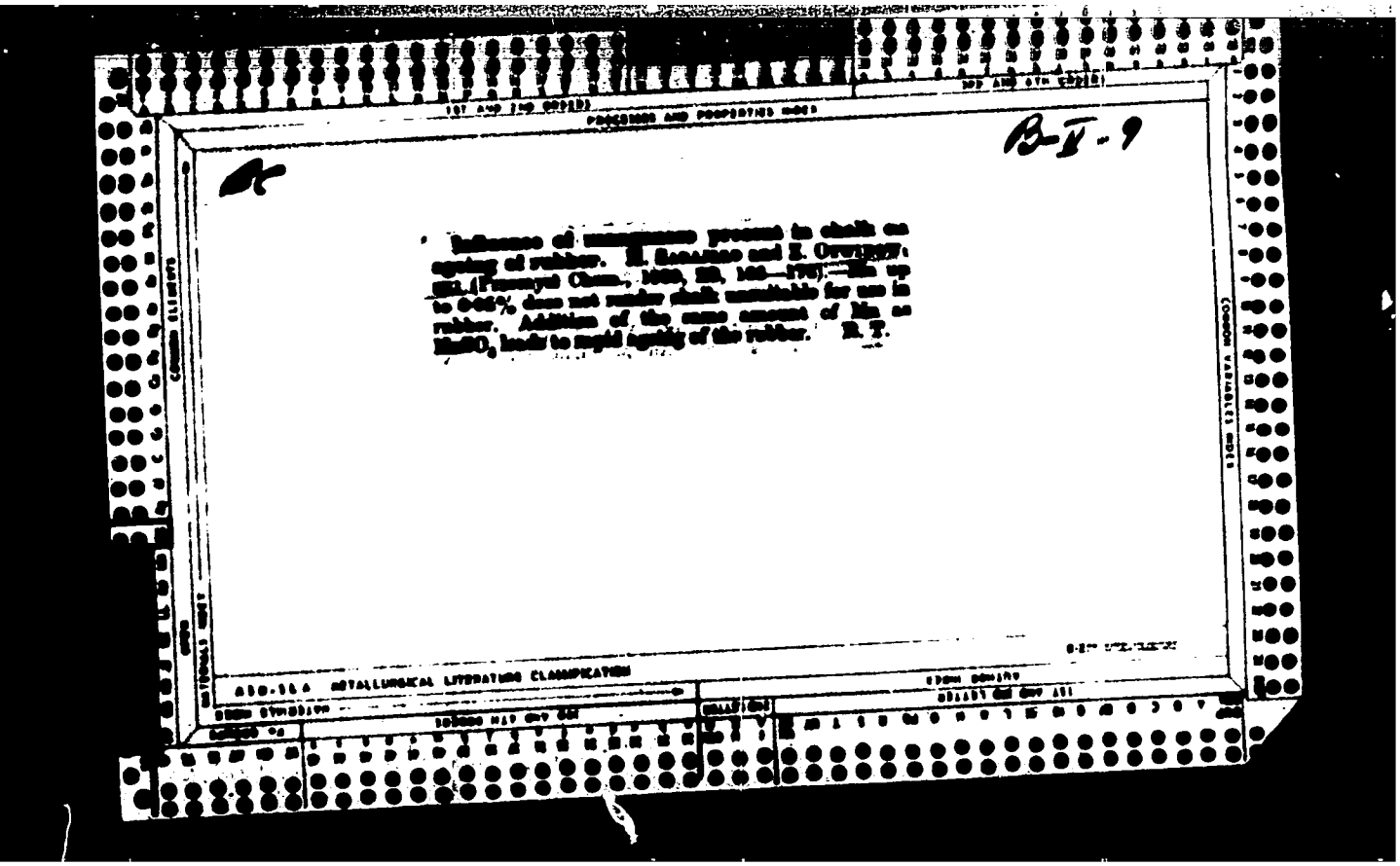

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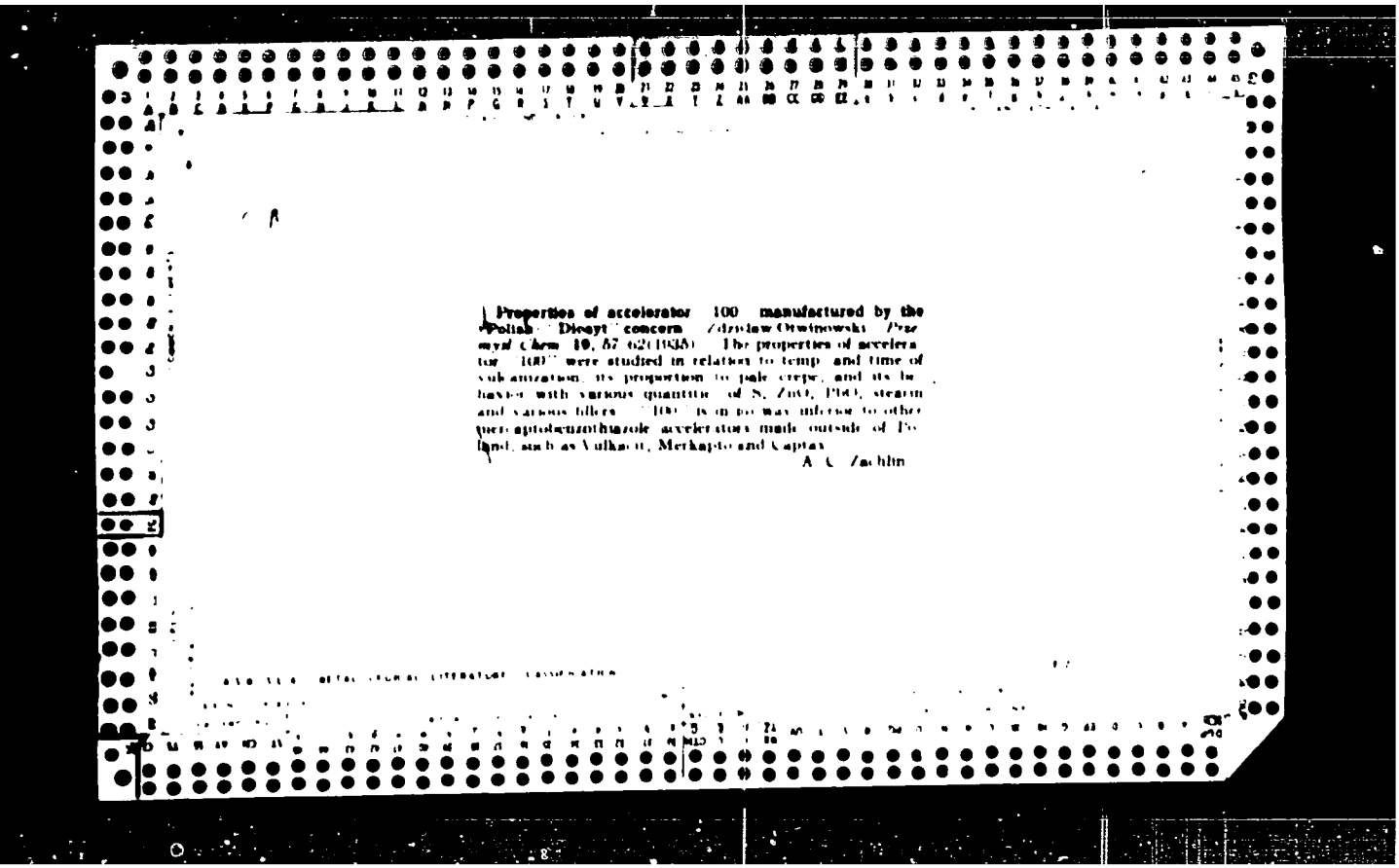

Properties of accelerator 100 manufactured by the Polish Dicoyt concern /Andrzej Owsinowski /Przemysl Chem 19, 57-62(1935) The properties of accelerator "100" were studied in relation to temp and time of vulcanization, its proportion to pale crepe, and its behavior with various quantities of S, ZnO, PbO, stearin and various fillers. "100" is in no way inferior to other pure-grade benzothiazole accelerators made outside of Poland, such as Vulkacit, Merkapto and Captax.

A. C. /Zachlin

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTWINOWSKA, Hanna; TYLUS, Edward; [illegible], Stanislaw

Studies on electric conductivity and catalytic activity of promoted zinc oxide during isopropanol dehydrogenation. Roczn Chemii 37 no. 7/8:863-869 '63.

1. Institute of General Chemistry, Warsaw.

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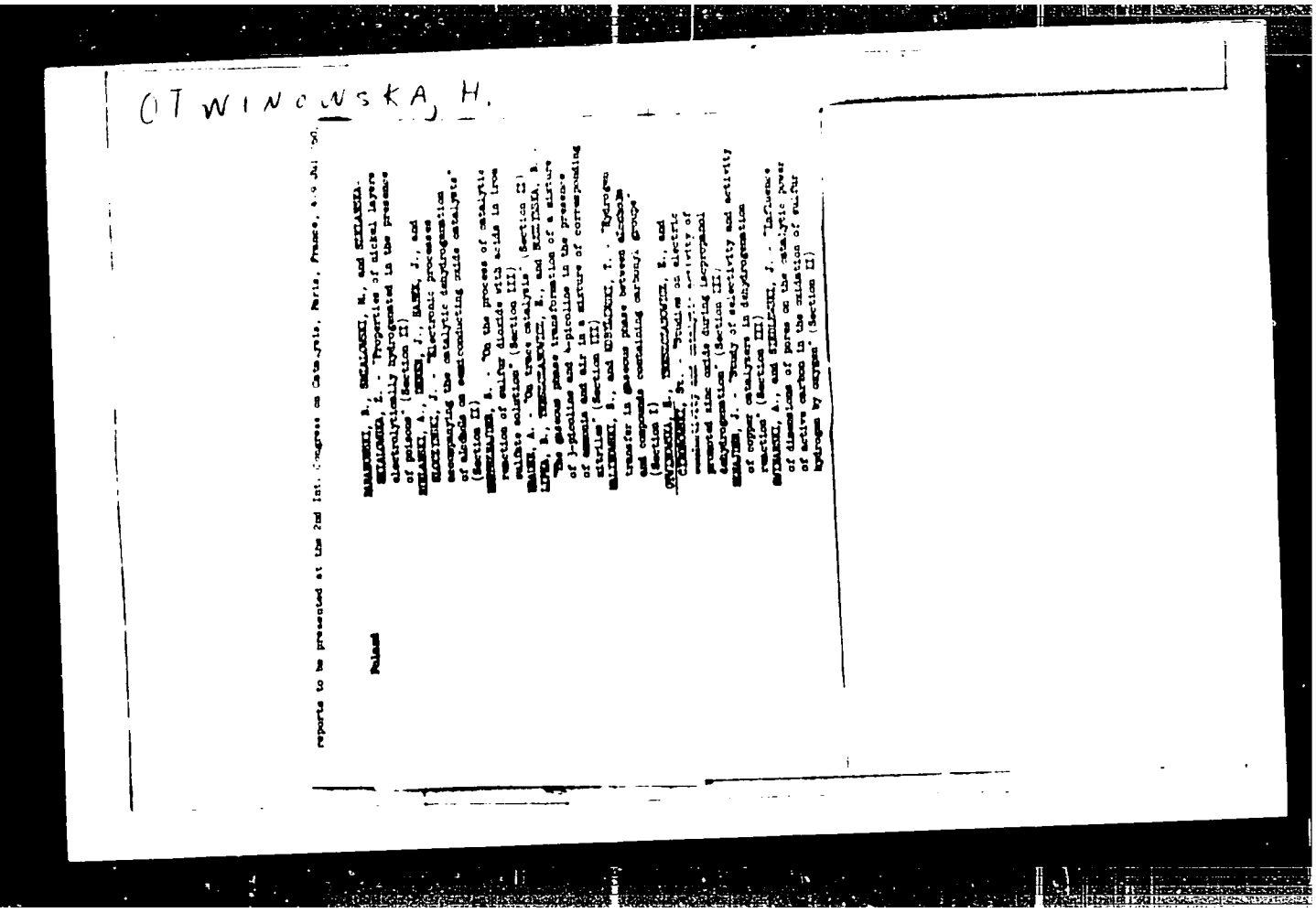

OTWINOWSKA, H.

reports to be presented at the 2nd Int. Congress on Catalysis, Paris, France, 6-10 Jul 60

Poland

BARANSKI, A., SKALOWSKI, W., and SZYSZKA, [illegible]. "Properties of nickel layers electrolytically hydrogenated in the presence of poisons." (Section II)

SZYSZKA, Z. - "Properties of nickel layers electrolytically hydrogenated in the presence of poisons." (Section II)

WISNIEWSKI, A., BIEN, J., and [illegible]. "Electronic processes accompanying the catalytic dehydrogenation of alcohols on semiconducting oxide catalysts." (Section II)

[illegible], A. - "On the process of catalytic reaction of sulfur dioxide with oxygen in low [illegible]." (Section III)

[illegible], A. - "On trace catalysis in [illegible] solution." (Section II)

[illegible], A., [illegible], and [illegible]. "The gaseous phase transformation of 3-picoline and 4-picoline in the presence of ammonia and air in a mixture of corresponding nitriles." (Section III)

[illegible], A., and [illegible], T. - "Hydrogen transfer in gaseous phase between alcohols and compounds containing carbonyl group." (Section II)

[illegible], E., and [illegible]. "Studies on electric conductivity and catalytic activity of [illegible] zinc oxide during isotopical dehydrogenation." (Section III)

[illegible], J. - "Study of selectivity and activity of copper catalysts in dehydrogenation reaction." (Section III)

[illegible], A., and [illegible], J. - "Influence of dimensions of pore on the catalytic power of active carbon in the oxidation of sulfur hydrogen by oxygen." (Section II)

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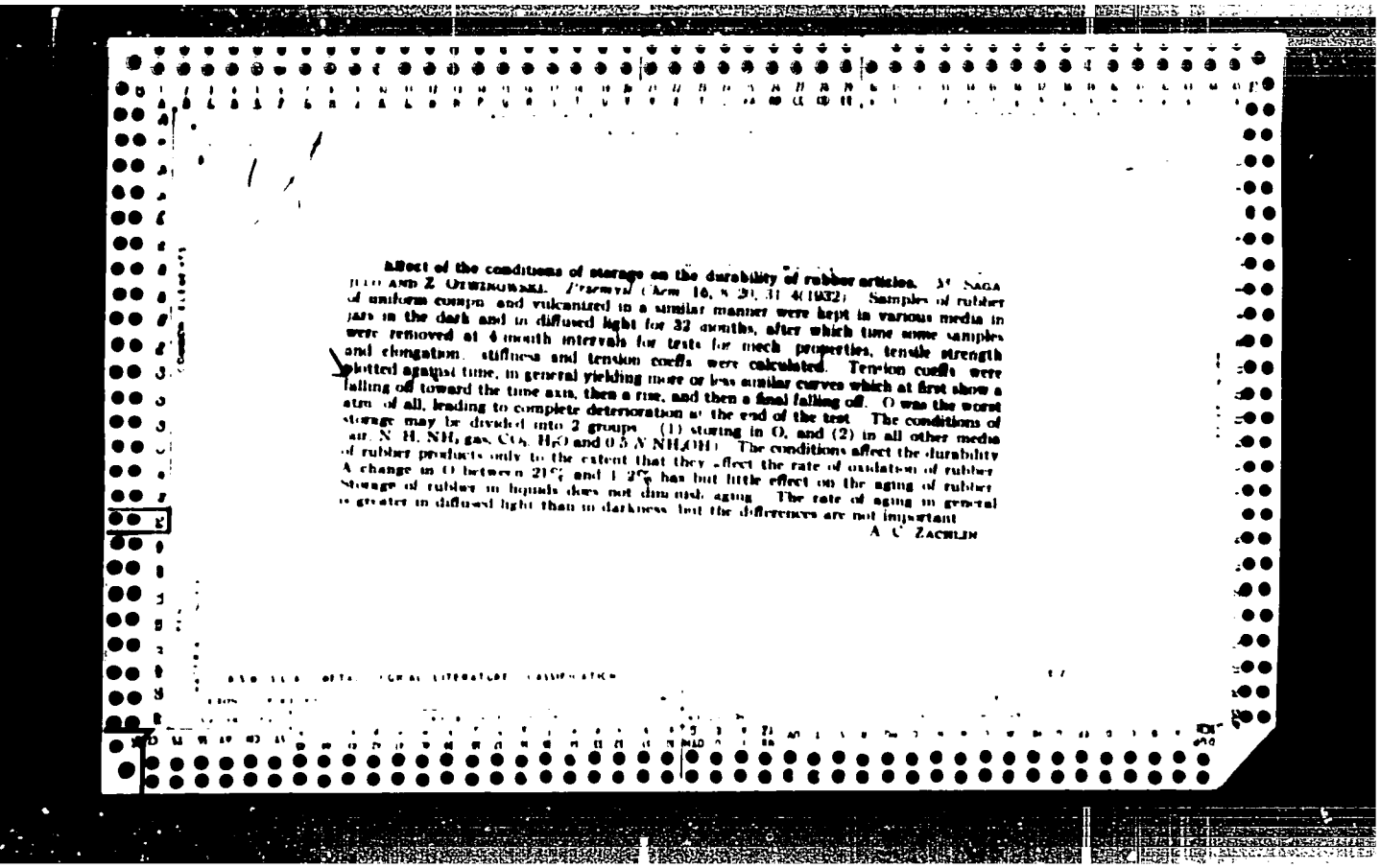

Affect of the conditions of storage on the durability of rubber articles. S. SAGA [illegible] AND Z. OSTROWSKI. *Przemysł Chem.* 16, 8-20, 31-4 (1932). Samples of rubber of uniform compn. and vulcanized in a similar manner were kept in various media in jars in the dark and in diffused light for 32 months, after which time some samples were removed at 4 month intervals for tests for mech. properties, tensile strength and elongation, stiffness and tension coeffs. were calculated. Tension coeffs. were plotted against time, in general yielding more or less similar curves which at first show a falling off toward the time axis, then a rise, and then a final falling off. O was the worst atm. of all, leading to complete deterioration at the end of the test. The conditions of storage may be divided into 2 groups: (1) storing in O, and (2) in all other media air, N, H, NH_3 gas, CO_2, H_2O and 0.5 *N* NH_4OH. The conditions affect the durability of rubber products only to the extent that they affect the rate of oxidation of rubber. A change in O between 21% and 1.2% has but little effect on the aging of rubber. Storage of rubber in liquids does not diminish aging. The rate of aging in general is greater in diffused light than in darkness, but the differences are not important.

A. C. ZACHLIN

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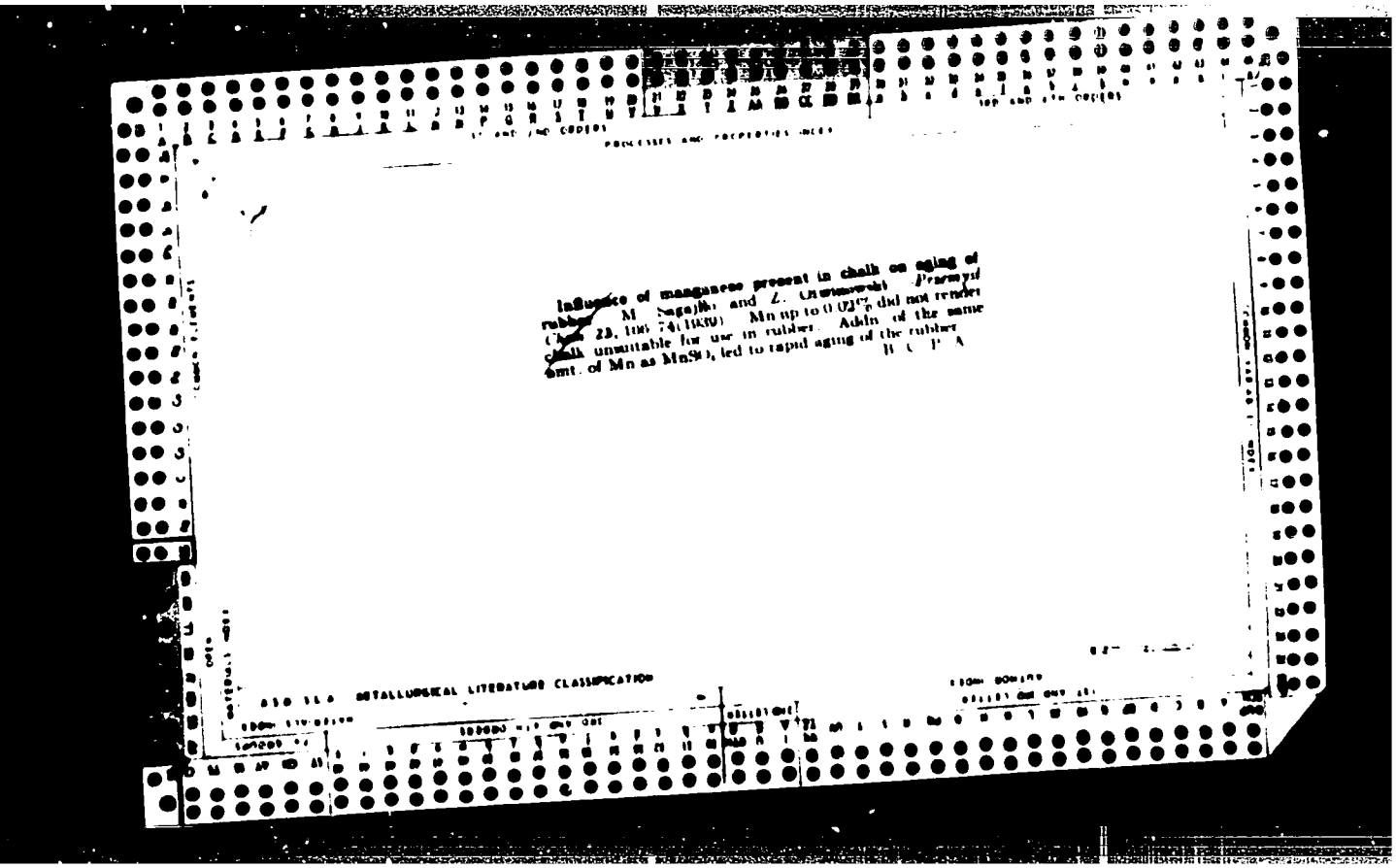

Influence of manganese present in chalk on aging of rubber. M. Segalla and Z. Urmanová. *Pramysl* (Prague) 23, 116–74 (1968). Mn up to 0.02% did not render chalk unsuitable for use in rubber. Addn. of the same amt. of Mn as $MnSO_4$ led to rapid aging of the rubber.

METALLURGICAL LITERATURE CLASSIFICATION

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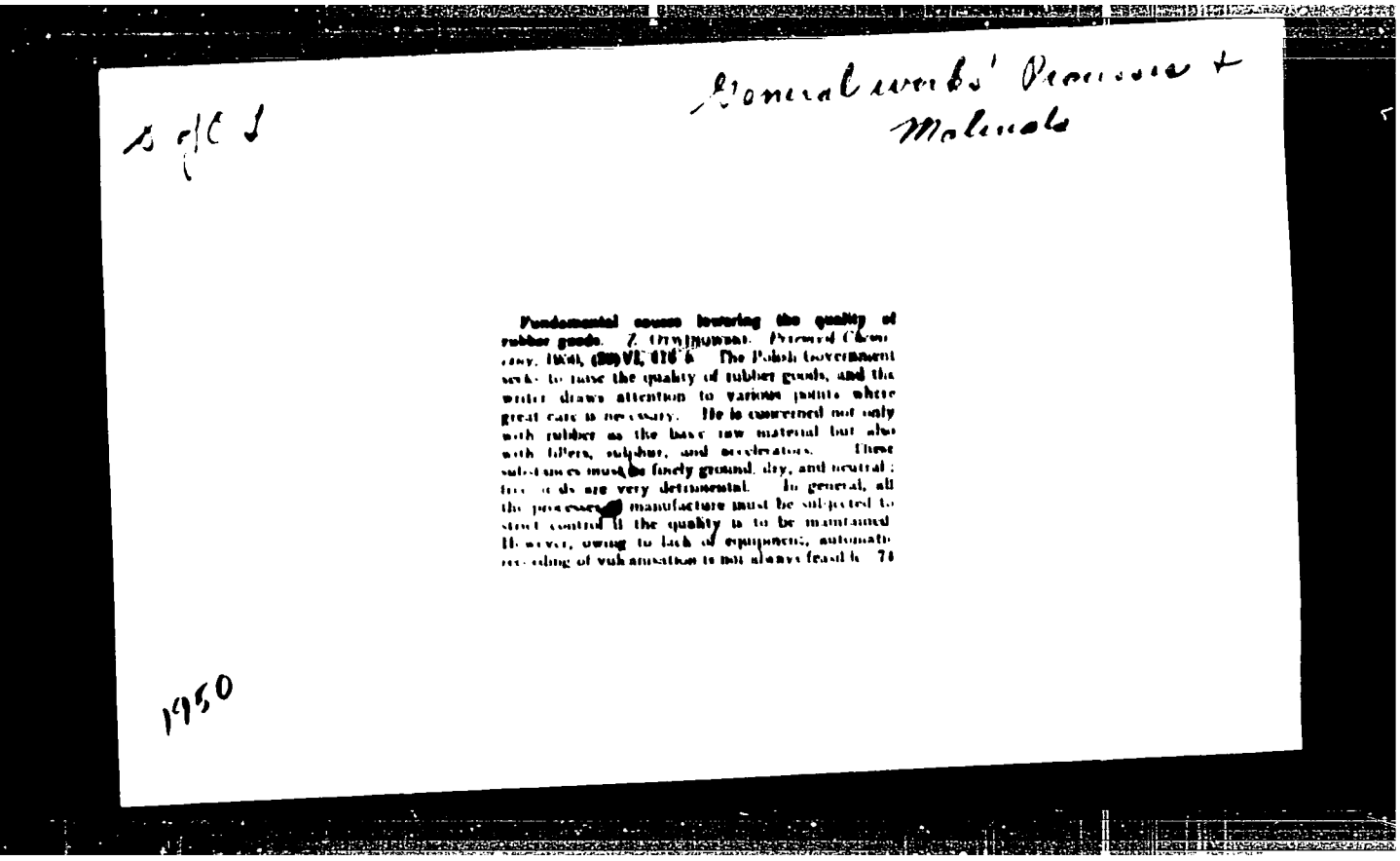

S 6/C 1

General works' Processes + Methods

Fundamental causes lowering the quality of rubber goods. J. Grzymkowski. *Przemysł Chemiczny*, 1950, [30] VI, 216-6. The Polish government seeks to raise the quality of rubber goods, and the writer draws attention to various points where great care is necessary. He is concerned not only with rubber as the base raw material but also with fillers, sulphur, and accelerators. These substances must be finely ground, dry, and neutral; free acids are very detrimental. In general, all the processes of manufacture must be subjected to strict control if the quality is to be maintained. However, owing to lack of equipment, automatic recording of vulcanization is not always feasible. 7*

1950

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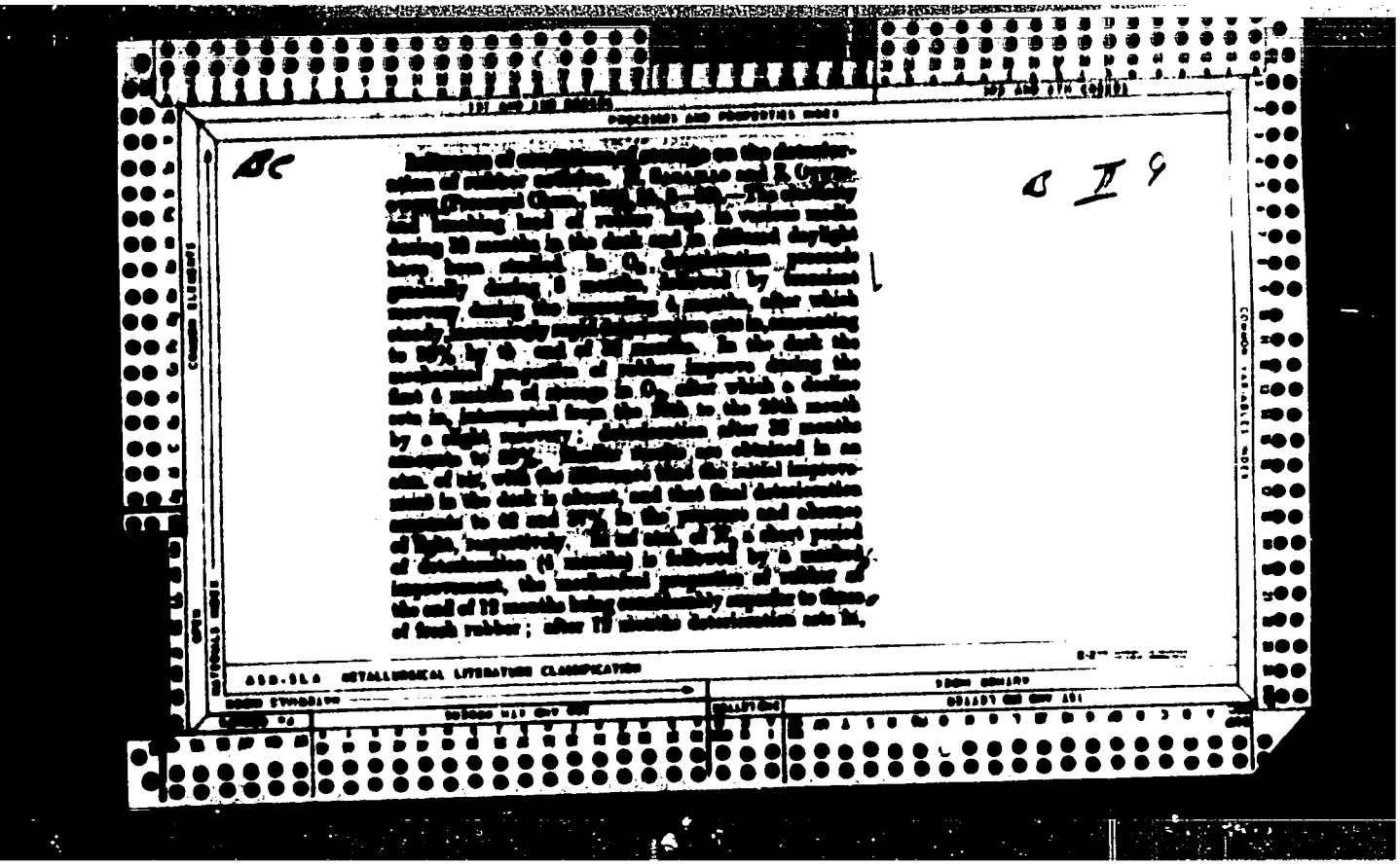

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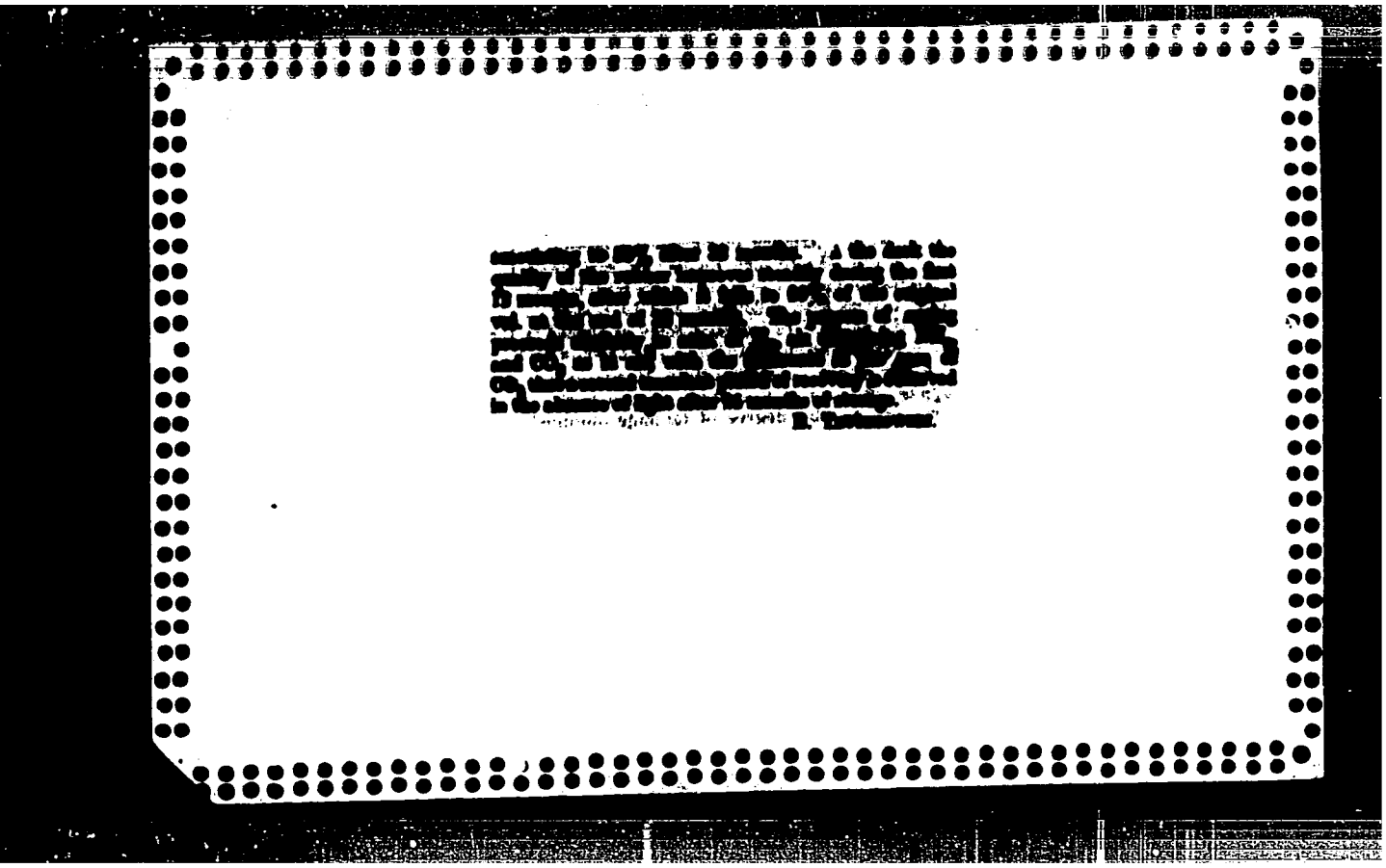

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OT' YAN, R.G.

Treatment of diseases of the lacrimal ducts. Zhur. eksp. i klin. med. 2 no.5:75-83 '62. (MIRA 18:10)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OT'IAN, R.G.

Needle-knife in tissue therapy, preliminary communication. Vest. oft., Moskva 31 no.2:44 Mar-Apr 1952. (CLML 22:1)

1. Of the Eye Clinic (Director -- Prof. B. M. Melik-Mus'yan), Yerevan Medical Institute.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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CTYAN, R. G.

Surgical Instruments [illegible] Apparatus

"Needle-knife" in tissue therapy, [illegible]

9. Monthly List of Russian Accessions, Library of Congress, June 19[illegible], Incl.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OT'YAN, R.O.

New pincers for the extirpation of the conjunctiva with the eyelids in normal position. Vest.oft. 33 no.1:44 Ja-F '54. (MLRA 7:1)

1. Iz glaznoy kliniki (direktor - professor B.N.Melik-Mus'yan) Yerevanskogo meditsinskogo instituta.
(Eye, Instruments and apparatus for)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OT'YAN, R.G.

On the articles by Prof. S.F.Kal'fa and Dr. A.F.Pukhner and other problems connected with trachoma. Oft.zhur. 12 no.1:42-44 '57. (MLRA 10:8)

1. Iz IV medob"yedineniya g. Yerevana
(CONJUNCTIVITIS, GRANULAR)

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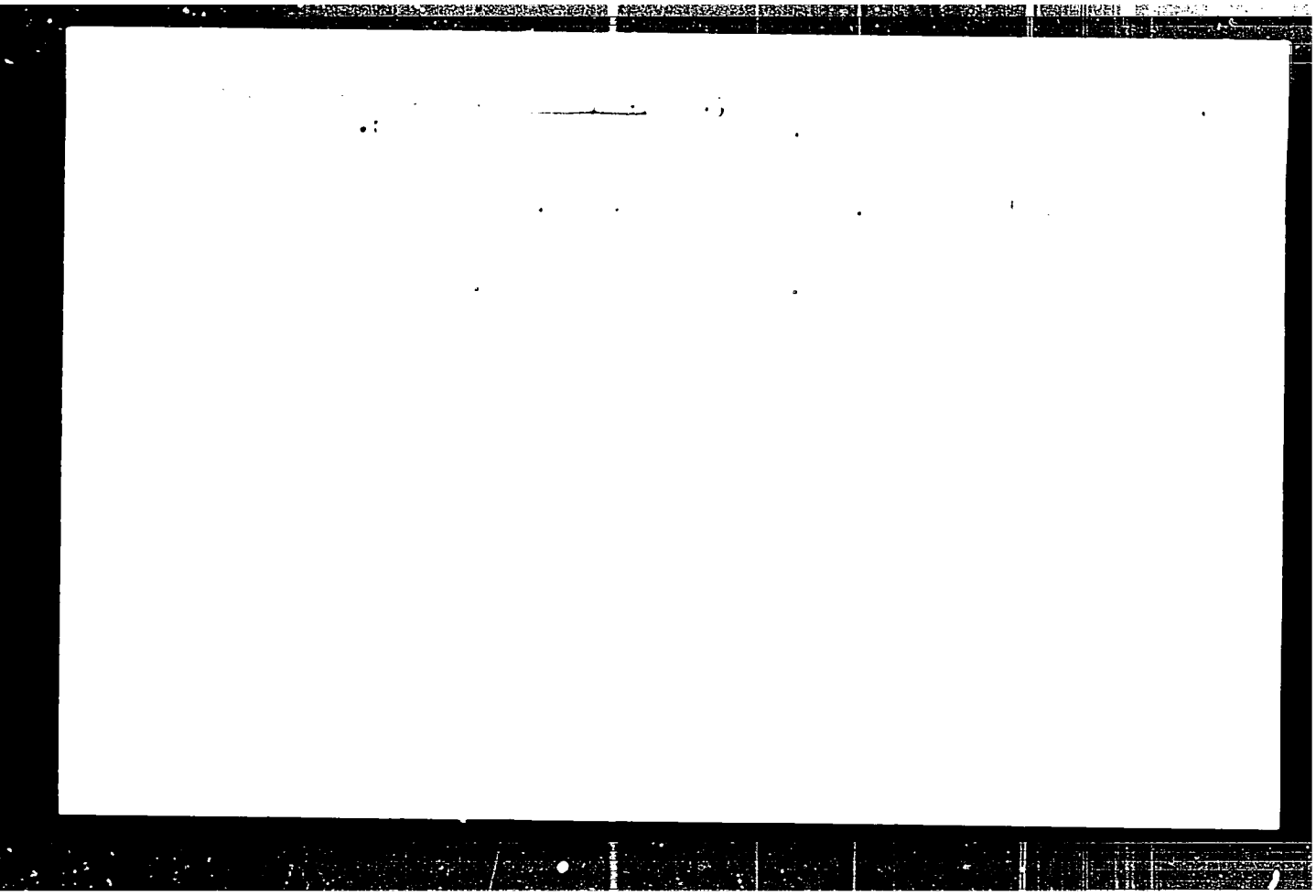

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

VELEMINSKY, J.; OTYPKOVA, L.; MIREJOVSKA, E.

Contribution to the mechanism of action of a peroral antidiabetic tolbutamide. Cesk. gastroent. vyz. 15 no.7:516-522 N '61.

1. II interni odd. a ustredni laborator MUNZ, Ostrava, prednosta prim. dr. J. Veleminsky.
(TOLBUTAMIDE ther)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

VELEMINSKY, J.; OTYPKOVA, L.

Intravenous glucose tolerance test in peptic ulcer. Cesk. gastroenter. 11 no.5:345-348 5 Sept 57.

1. II. interni oddeleni MUNZ v Ostrave, prednosta Dr. J. Veleminsky. J. V., Ostrava III, Prazakova 2.
(GLUCOSE TOLERANCE TEST, in var. dis.
intravenous, in peptic ulcer) (Cz))
(PEPTIC ULCER, physiol.
glucose tolerance test, intravenous (Cz))

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OTYUKOV, K.M.

New means of mounting the gear wheel on the horizontal shaft of a separator. Gidrolis. i lesokhim. prom. 8 no.7:25 '55.(MLRA 9:4)

1.Slesar' Krasnoyarskogo gidrolisnogo zavoda.
(Separators (Machines))

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OTYUTSKIY, P.N.

The wrong opinion of zootechnician V.I. Gukov. Zhivotnovodstvo 20 no.3:85 Mr '58. (MIRA 11:2)

1. Vtoroy vetvrach Sosnovskogo rayona, Chelyabinskoy oblasti.
(Stock and stockbreeding) (Veterinarians)

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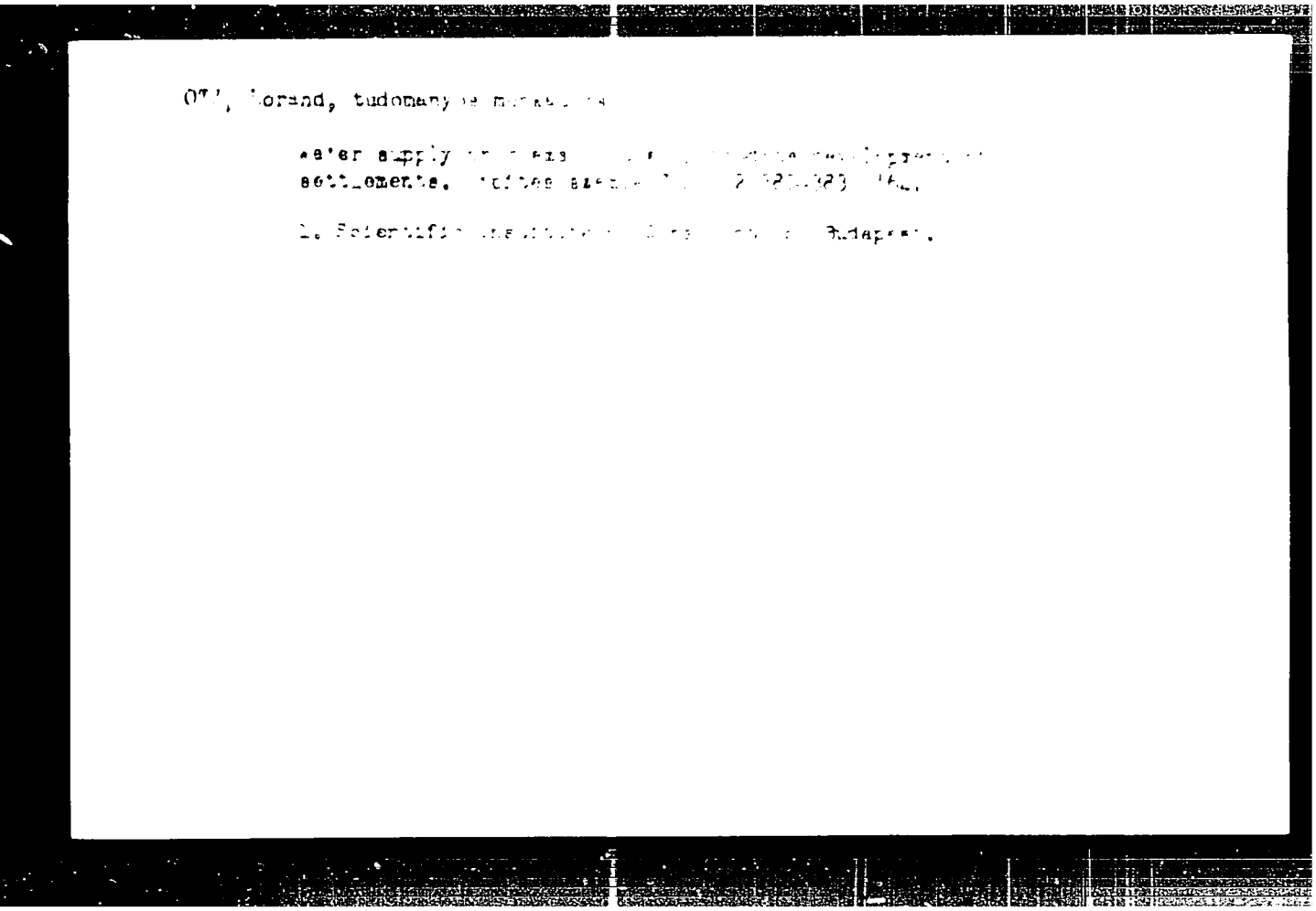

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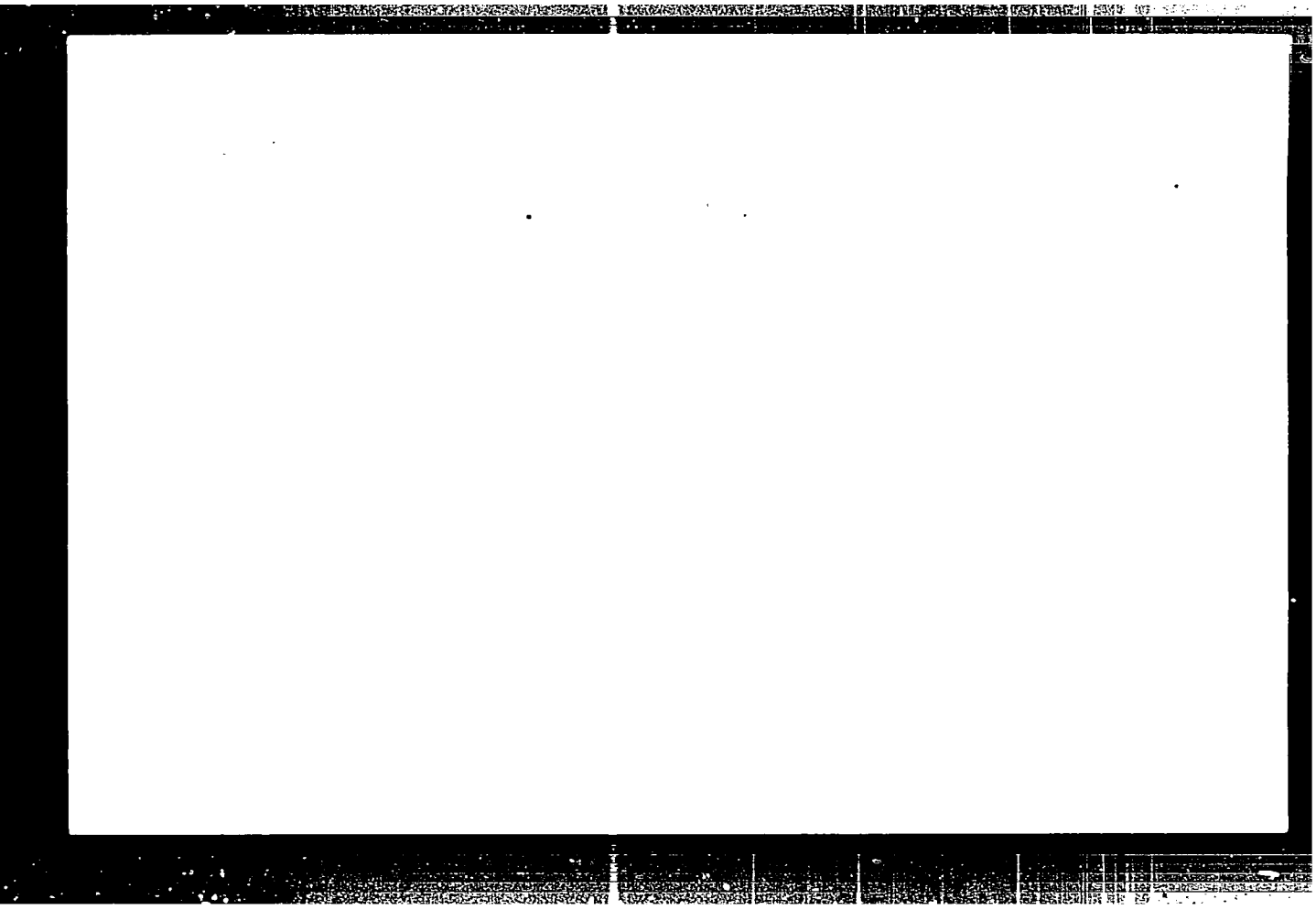

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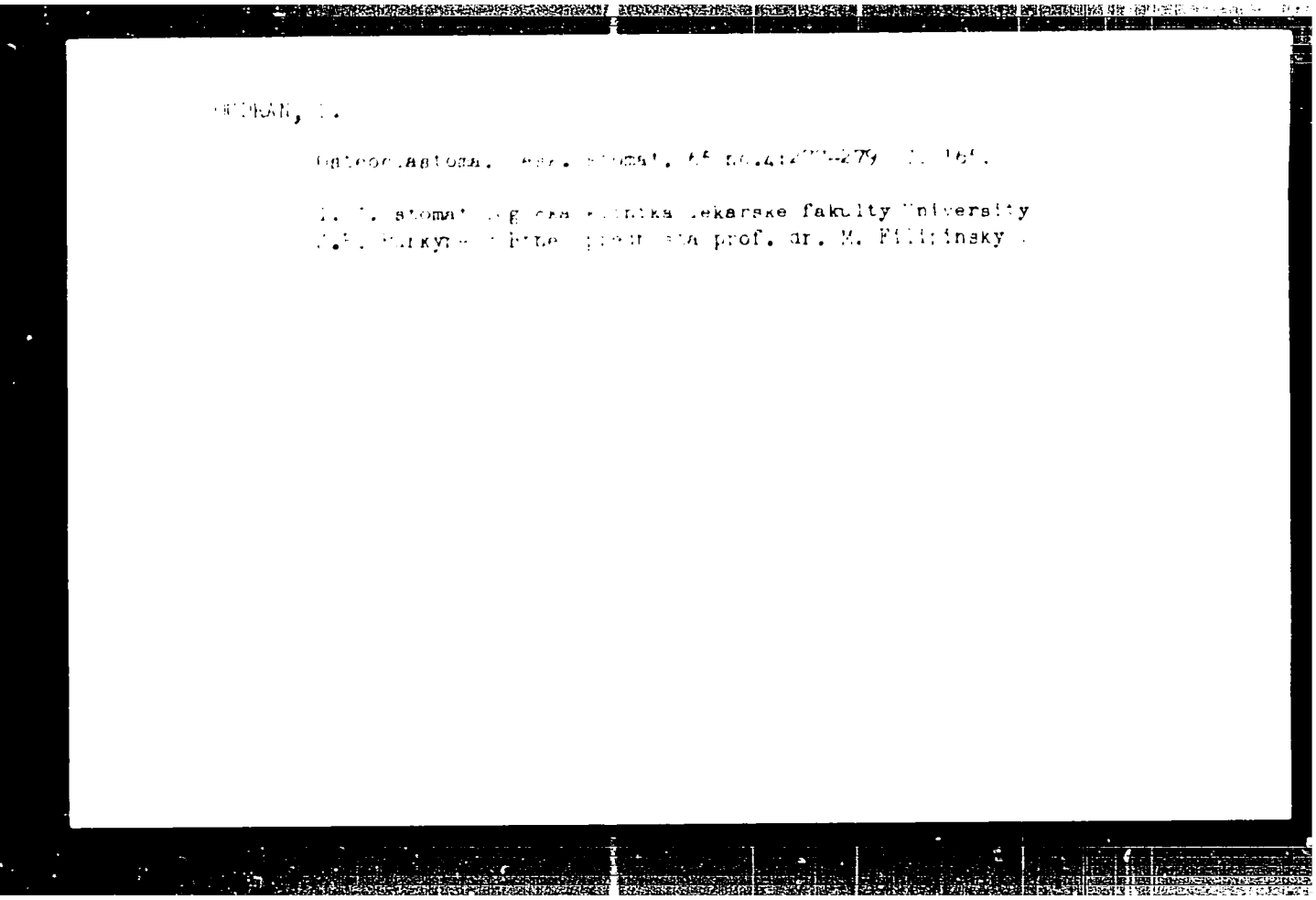

[illegible], I.

[illegible]. [illegible]. [illegible], 45 no.4:[illegible]-279 [illegible] '65.

1. I. stomat. [illegible] Lekarske fakulty [illegible] University [illegible] Purkyne [illegible] prof. dr. M. Pilitinsky [illegible].

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OUDRNITSKI, I.

"Detectives" of antiquities. IUn. tekh. 7 no.8:49-51 Ag '62.
(MIRA 15:10)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

TCHACAROF, E.; OUGLOVA, T.

Histochemical research on the distribution of calcium in the cornea in calcium hydroxide fires. Dokl. Bolg. akad. nauk 17 no.1:81-84 '64

1. Note presentee par D.Orahovats.

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TCHAKAROF, E. [Chakarov, E.]; [illegible] VA, T. [Ugleva, T.]

Histochemical studies on the distribution of [illegible]ium in the cornea in [illegible]um [illegible]de combustions. [illegible]y BAN IC nr.1: 81-84 '64

1. Note presented by [illegible] Tchakhorata, I.], membre de l'Academie [illegible].

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

KOSTIR,J.V.;HYBAR, D.J.;OULEHLA,B.;HAIS, I.M.;BERAN, M.

Chromatographic determination of ergotamine and ergotoxine. Cesk. farm. 1 no. 11-12:621-625 1952. (CLML 24:1)

1. Of the Research Institute for Pharmacy and Biochemstry and of Biochemstry of Charles University, Prague.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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OULEHLA, Karel; NOVOTNY, Martin

Use of high-frequency in quantitative determining of carbon and sul[illegible] in steel and cast iron. Hut listy 17 no.11:809-811 N '62.

1. Zavody presneho strojirenstvi, Gottwaldov.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OULICKY, K.

"Education toward safe and healthy work." p. 66.

ZELEZNICAR. (Ministerstvo dopravy). Praha, Czechoslovakia, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OULICKY, V.

Collecting water bills. Vodni hosp 14 no.12:473-474 '64.

1. District Water Resources Administration, Ceske Budejovice.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ÕUN, E.

Experience in growing cumcumbers in hotbeds. p. 28

SOTS'LIKTLIK POLLUMJANDUS. POLLUMAJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

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OUNAP, A.

A poultry factory on a collective farm. p. 127

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium) Tallinn, Estonia. Vol. 13, no. 3, March 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11, November 1959.

Uncl.

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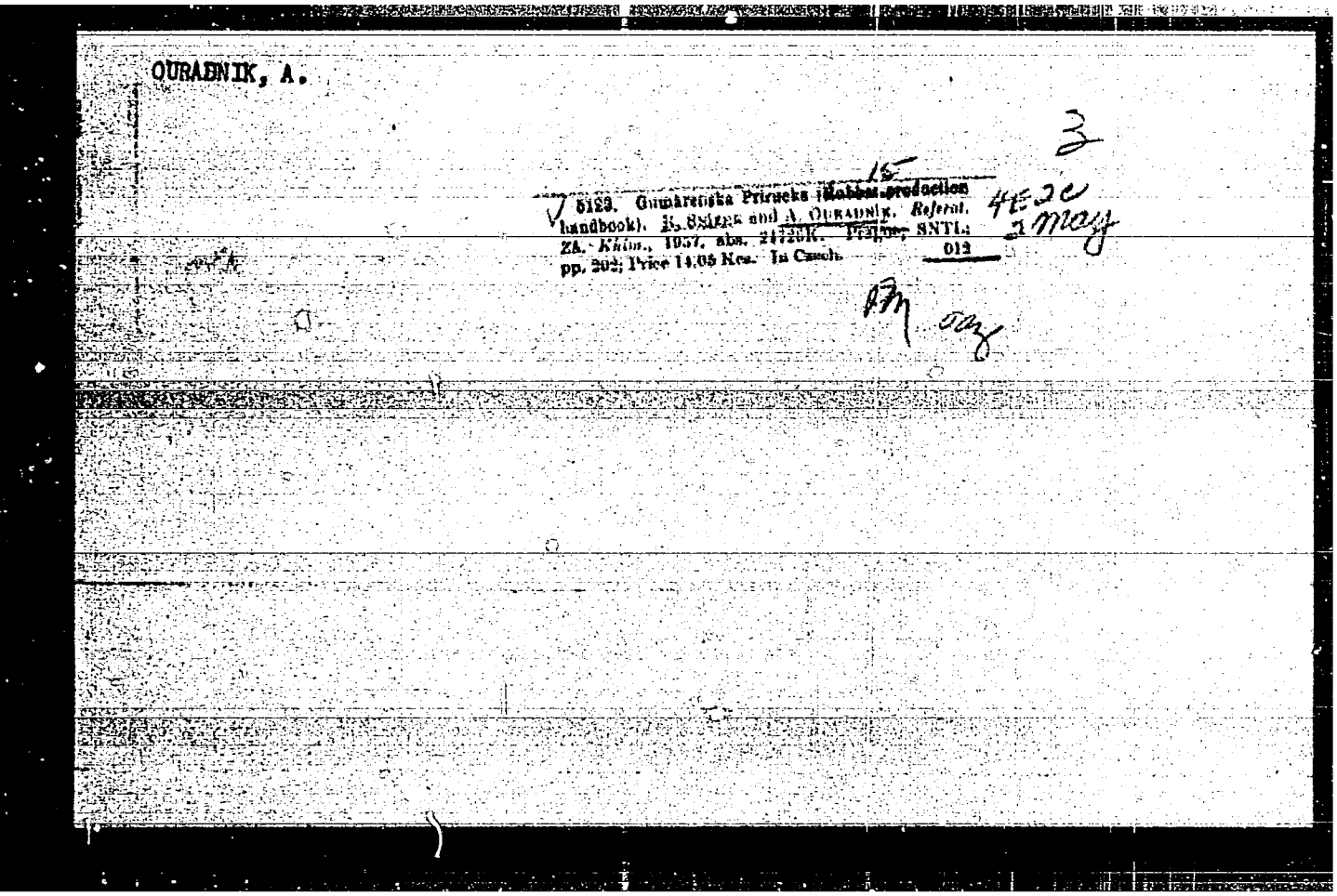

OURADNIK, A.

15

3

5123. Gumárenská Příručka (Rubber production handbook). Ji. Sklenář and A. OURADNIK. Referat. ZA. Khim., 1957, abs. 24726K. Praha, SNTL, pp. 202; Price 14.05 Kcs. In Czech. 012

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OURECKA, Anna, promovana ekonomka

Seminar on problems of scientific work organization. Prace mzda 11 no.11:496-500 N'63.

1. Katedra ekonomiky prace, Vysoka skola ekonomicka, Praha.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

NEUWIRTOVA, R.; OUREDNIK, A.; DAUM, S.

Clinical picture of respiratory insufficiency in chronic pulmonary heart disease. Acta Univ. Carol. [med.] (Praha) 10: suppl. 17:87-93 '63

1. II interni klinika fakulty vseobecneho lekarstvi Univerzity Karlovy v Praze; prednosta: prof. dr. F.Herles, DrSc.

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Therapy

CZECHOSLOVAKIA UDC 616.24- 08:6[illegible]-06.12-08

OURADNIK, A.; 2nd Internal Clinic, Faculty of General Medicine, Charles University (II. Interni Klinika Fakulty Vseobecneho Lekarstvi KU), Prague, Head (Predvosta) Prof Dr F. [illegible].

"Treatment of Chronic Respiratory Insufficiency."

Prague, Casopis Lekaru Ceskych, Vol 105, No 35, 2 Sep 66, pp 956 - 959

Abstract: Respiration insufficiencies(RI) can be caused by lung diseases (obstructive, restrictive, and functional tissue deficiency), other diseases (diseases of the CNS and peripheral nerves, dysmetabolic and dysenzymatic diseases, chest diseases), and by combination of the above described causes. Mechanical methods of treatment, suitable drugs (Syntophyllin and acetazolea:ide), adjustments of hypoxemia, uses of antibiotics, expectorants, bronchodilatants, cardiotonics, diuretics, venipuncture, and some other methods of treatment are discussed. All sedatives are contraindicated in RI. No references. (Manuscript received Mar 66).

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OURKDNIK, A.; HERLES, F.

Chronic bronchitis in Czechoslovakia. An attempt to re-evaluate the health status according to statistical data and findings. Cas. lek. cesk. 102 no.37:1011-1015 13 S '63.

1. II interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. F. Herles.
(BRONCHITIS) (DISABILITY EVALUATION)
(HEALTH SURVEYS) (MORBIDITY)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

FIALOVA, ...; JEZEK, V.; CUREDNIK, A.; KROUZKOVA, L.

The effect of hypoxemia and respiratory acidosis on the electrocardiogram in chronic cor pulmonale. Sborn. lek. 67 no.5:140-145 My'65.

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze a kardiologicka laborator fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles, DrSc.).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

JEZEK, V.; PICK, P.; OUREDNIK, A.; KROUZKOVA, L.

Various changes in the elctrolyte metabolism of patients with chronic cor pulmonale and respiratory insufficiency. Sborn. lek. 67 no.5:153-159 My'65.

1. Kardiologicka laborator a II. in ermi klinika fakulty vseobecneho lekarstvi University Karlovy v Prase (prednosta: prof. dr. F. Herles, DrSc.).

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK, A.; JEZEK, V. Technicka spoluprace: DOUBRAVOVA, V.; KROUZKOVA, L.

Comparison of pulmonary ventilation and blood gas levels in patients with chronic bronchitis. Cas. lek. cesk. 104 no.23: 638-639 11 Je'65.

1. II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. F. Herles, DrSc. a Kardiologicka laborator fakulty vseobecneho lekarstvi Karlovy University v Praze (reditel: prof. dr. F. Herles, DrSc.).

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK,A,; DAUM,S.; JEZEK,V. Technicka spoluprace: KROUZKOVA, L.

Medical treatment of respiratory insufficiency. Cas.lek. cesk. 103 no.9:244-245 28 F'64

1. II. interni klinika fakulty vseobecneho lekarstvi KU v Praze; prednosta: prof.dr.F.Herles, DrSc.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

CUREDNIK,A.; DAUM,S. Technicka spoluprace:KROUZKOVA,L.; DOUBRAVOVA, V.

Effect of analeptics in respiratory insufficiency. Cas.lek. cesk. 103 no.3:77-78 17 Ja'64.

1. II. interni klinika fakulty vseobecneho lekarstvi KU v Praze; predrosta: prof.dr. F.Herles, DrSc.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK,A.; NEUWIRTOVA,R.; DAUM.S.

Clinical picture of respiratory insufficiency in patients with chronic bronchitis. Cas.lek.cesk. 103 no.7:169-174 14 F'64.

1. II.interni klinika fakulty vseobecneho lekarstvi KU v Praze; predrosta: prof.dr.F.Herles.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

DAUM, S.; KOPECKY, M.; OUREDNIK, A.

Respiratory acidosis and cor pulmonale. Their effect on pulmonary hypertension. Sborn. lek. 63 no.5/6:142-150 [illegible]61.

1. Kardiopulmonalni odeleni Kardiologicke laboratore a II. interni kliniky fakulty vseobecneho lekarstv University Karlovy v Praze, prednosta prof. dr. F.Herles Laborator pro patofyziologii premeny latek pri CSAV v Praze, prednosta doc. dr. O.Poupa.
(ACIDOSIS compl) (PULMONARY HEART DISEASE compl)
(PULMONARY EMPHYSEMA compl) (HYPERTENSION compl)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

HERLES, F.; OUREDNIK, A.

Tuberculosis at an internal clinic and possibilities for its diagnosis. (Clinical considerations and anatomical findings). Cas.lek.cesk. 98 no.49/50:1544-1549 4 D '59.

1. II. interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. Frantisek Herles.
(TUBERCULOSIS pathol.)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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DAUM, S; JANOTA, M; KOPECKÝ, M; OUŘEDNÍK, A.

Czechoslovakia

Cardiological Laboratory and the Second Internal Medicine Clinic FVL of Charles University -- Prague (Kardiologická laboratoř a II. vnitřní klinika FVL University Karlovy -- Praha); Head: F. HEHLES, Prof. Dr. - (for all)

Prague, Vnitřní lékařství, No- IX-2, 1963, pp 105-115

"Blood Gases, pH and Some Respiratory Values in Pneumonia."

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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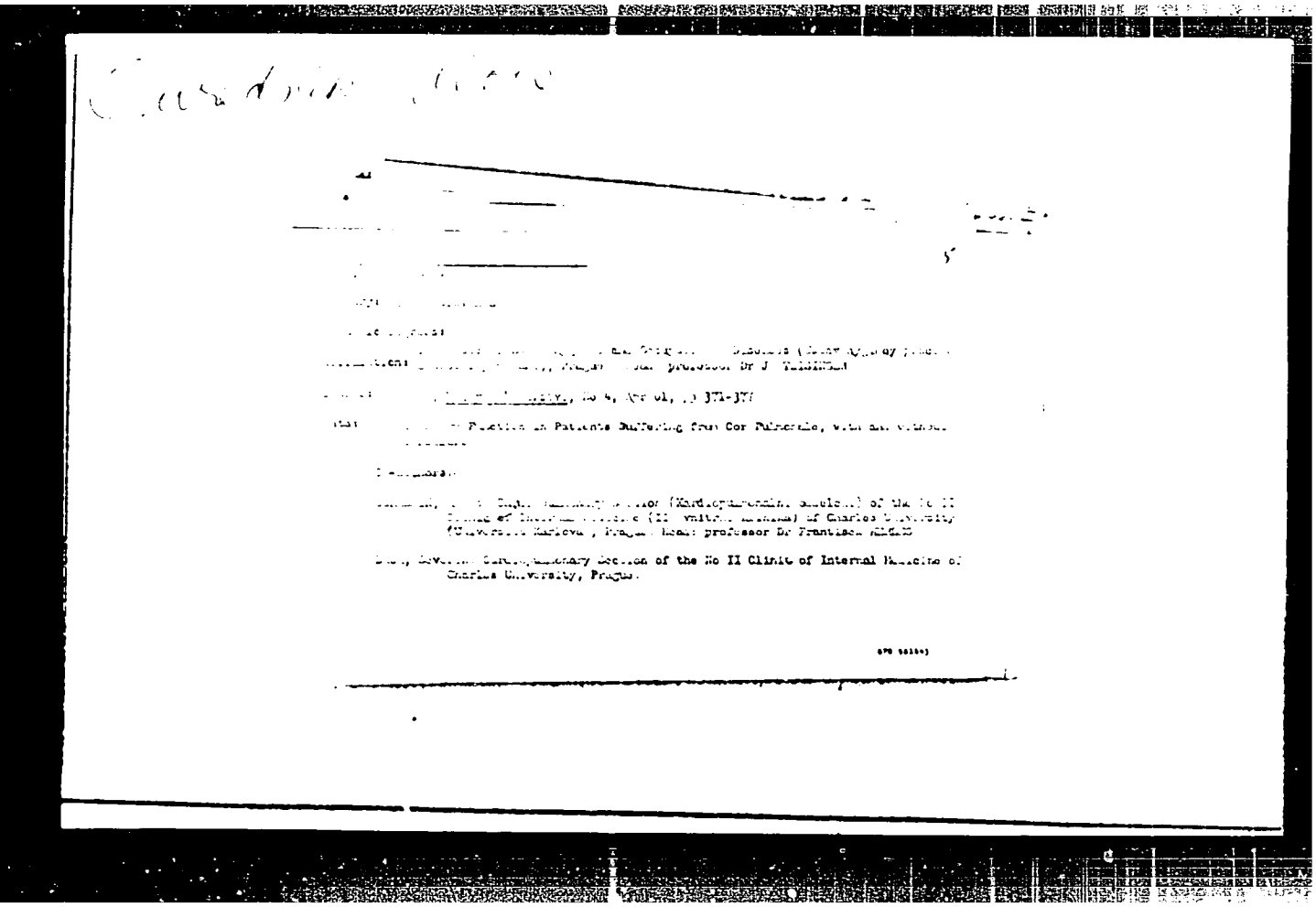

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

TEICHMANN, V.; DRAB, K.; DAUM, St.; OUREDNIK, A.

Roentgen diagnosis of chronic cor pulmonale in chronic bronchitis and pulmonary emphysema. Sborn. lek. 63 no.5/6:158-165 My '61.

1. II interni klinika Fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr F.Herles.

(PULMONARY HEART DISEASE radiog)
(BRONCHITIS radiog) (PULMONARY EMPHYSEMA radiog)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

DAUM, S.; HERLES, Fr.; JAROSOVA, V.; VALENTOVA, Vl.; OUREDNIK, A.

Chronic cor pulmonale. Diagnostic contribution of clinical symptoms of chronic cor pulmonale and emphysema of the lungs. Cas. Lek. Cesk. 101 no.8:225-234 23 F '62.

1. Kardiologicka laborator a II interni klinika KU v Praze, prednosta prof. dr. Fr. Herles II chirurgicka klinika KU v Praze, prednosta prof. dr. J. Lhotka.

(PULMONARY HEART DISEASE diag)
(PULMONARY EMPHYSEMA diag)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK, A.; DAUM, S.; KOPECKY, M.

Respiratory insufficiency and acidosis in patients with emphysema and cor pulmonale treated with ciroren. Sborn. lek. 63 no.5/6:166-174 '61.

1. Kardiopulmonalni oddeleni II. interni kliniky fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. F.Herles Laborator fyziologie a patofyziologie premeny latek, CSAV, Praha. prednosta doc. dr.O.Poupa.
(RESPIRATORY SYSTEM dis) (ACIDOSIS ther)
(PULMONARY HEART DISEASE ther) (PULMONARY EMPHYSEMA ther)
(ANALEPTICS ther)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

HERLES, F.; DAUM, S.; JAROSOVA, V.; VALENTOVA, Vl.; OUREDNIK, A.

Principles in the diagnosis of cor pulmonale in chronic pulmonary emphysema. Sborn. lek. 63 no.5/6:151-157 [illegible]61.

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr.F.Herles.
(PULMONARY HEART DISEASE diag) (PULMONARY EMPHYSEMA diag)

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CZECHOSLOVAKIA

OLDRICH, A., and HERLES, F., MD, Prof., Second Clinic of Internal Medicine (II. interni klinika), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague. Prof. F. HERLES, MD, director.

"Chronic Bronchitis in Czechoslovakia"

Prague, Casopis Lekaru Ceskych, Vol CII, No 37, 13 September [illegible], pp 1011-1015.

Abstract [Authors' English summary]: The 1960 morbidity statistics show that chronic bronchitis was the reason for 1 percent of all cases of short-term work incapacity in Czechoslovakia and for 1.74 percent of all working days missed. Ten percent of all disability benefits were granted on account of chronic bronchitis. Chronic bronchitis and its consequences were the cause of 5 percent of deaths. Two Prague pathology departments found chronic bronchitis as the cause of 20 percent of deaths. Among 710 patients admitted to a clinic chronic bronchitis was found in 31.1 percent of all cases. Eighteen references, including 17 Czech.

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OUREDNIK, ALOIS

3

CZECHOSLOVAKIA

OUREDNIK, Alois; DAUM, Severin; KROUZKOVA, Lida; DOUBRAVOVA, V.

Second Internal Medicine Clinic of the Faculty of General Medicine (II. vnitrni klinika fakulty vseobecneho lekarstvi KU); Prague. - (for all)

Prague, Vnitrni lekarstvi, No 4, 1963, pp 348-355

"Treatment with Acetazolamid in Respiratory Failure in Pulmonary Emphysema and Cor Pulmonale."

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

TUHACEK, Milan; CURKOVNIK, Alois; LUKESOVA, Tamara

Syndrome of chronic sublavio-carotid obliteration (pulseless disease). (A review and case reports). Cesk. neur. 23 no.1/2:112-118 Ja '60.

1. Neurologicka klinika akad. Hennera. Int. oddel. na Slupi 6, prim. dr. R. Muratova.
(AORTA dis.)
(ARTERITIS)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUŘEDNÍK, Alois, MUDr.

Improvement of the quality of medical work. Česk. zdravot. 4 no.2:112-113 Mar. 1956.

1. OÚNZ Litoměřice.
(MEDICINE,
in Czech., quality of med. care & work (Cz))

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

Ouredníke A.

4547. Experiences with dynamic testing of vulcanizates. A. Ouřkník. *Chem. Prumysl*, 1953, 3, 141-3; *Chem. Abs.*, 1954, 48, 5541. The ability of rubber to dampen vibrations is best correlated by dynamic testing. An apparatus is described in which a cylindrical specimen is subjected to periodic compression, and the heat generated in the sample is determined. Results are given for two rubber formulations. (44246-J)

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GUMBIR, Ant.

5

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Rubber and Other Elastomers

Our experiences with dynamic testing of vulcanizates. Ant. Ouředník (Ministry Chem. Ind., Prague, Czech.). *Chem. Průmysl* 3, 141–3(1953).—The ability of rubber to dampen vibrations is best correlated by dynamic testing. An app. is described in which a cylindrical specimen is subjected to periodic compression, and the heat generated in the sample is detd. Results are given for 2 rubber formulations.
Herbert Morawetz

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK, Josef

Diagram of drafts. Slevarenstvi 10 no.5:191 My '62.

1. Ceske zavody motocyklove, Strakonice.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUREDNIK, Josef

Sealing tube castings and bushings in pressure castings.
Slevarenstvi 12 no.6:248 Je '64.

1. Ceske zavody motocyklove National Enterprise, Strakonice.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

KARASEK, F.; OUREK, J.

Effect of heparin on resistance to anoxia. Cesk. fysiol. 8 no.3:208-209 Apr 59.

1. Fysiologicky ustav fak. vseob. lek. KU, Praha. Predneseno na III. fysiologickych dnech v Brne dne 13. 1. 1959.

(ANOXIA, exper.
eff. of heparin on resist. (Cz))
(HEPARIN, eff.
on resist. to anoxia (Cz))

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

VICEK, Jaroslav; OUTRATA, Edvard

The essential characteristics of a data-processing [illegible] programming language. Stroj na zprac inf 10:191-19[illegible].

1. Research Institute of Mathematical Machines, Prague.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OBLONSKY, Jan, inz. CSc.; OUTRATA, Edvard, promovany ekonom.

Selection of the set of the Epos automatic computer. Podn. org 17 no.9:421-424 S'63

1. Vyzkumny ustav matematickych stroju, Praha.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 47576-66 T IJP(c)
ACC NR: AT6029411 SOURCE CODE: CZ/2503/66/000/012/0275/0281

45
B

AUTHOR: Outrata, Eduard

ORG: Research Institute of Mathematical Machines (Vyzkumny ustav pocitacich stroju), Praha

TITLE: A special sorting algorithm

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 12, 1966, 275-281

TOPIC TAGS: computer system, computer application, computer programming, computer storage, binary code, algorithm

ABSTRACT: A special sorting problem and a program of solution on a decimal-code digital computer with limited internal storage capacity are described. Block diagram of the algorithms for solving the problem are presented. It is noted that the method has been used in practical programming on the EPOS I computer with the integers number n = 12,000, and the number of decimal symbols k = 6,000. It can (after appropriate changes) also be used on a binary digital computer, but with less efficiency. When properly applied, this method can save a great deal of storage. Orig. art. has: 2 figures and 11 formulas [KP]

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Card 1/1

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 23942-66 EEC(k)-2/EWP(1) IJP(c) BB/GG

ACC NR: AT5027855 SOURCE CODE: CZ/2503/65/000/011/0113/0133

AUTHOR: Kindler, Evzen; Outrata, Edvard; Vlcek, Jaroslav

50
B+1

ORG: Research Institute of Mathematical Machines, Prague

TITLE: DAJA, a proposed language for data processing 16C

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 11, 1965, 113-133

TOPIC TAGS: data processing, data processing system, computer language, numerical algorithm, input, output

ABSTRACT: DAJA is an automatic programming language for data processing. A compiler is being prepared for the EPOS I computer. It is expected to provide not only for numerical algorithms, but for easy sorting, for the processing of files of data, and for simple regulation of input and output. The possibility of expressing basic symbols of the language in a form similar to the language of the users should be considered. The article deals with the general characteristics of the language, its syntax, and a short description of the semantics. [Based on author's abstract] [KS]

SUB CODE: 09, 05/ SUBM DATE: 20Jan64/ ORIG REF: 002/ OTH REF: 006/

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Card 1/1

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OUTRATA, J.

"Handbook of a miller hand" by J.Strajbl and others. Reviewed by J.Outrata. Strojirenstvi 12 no.9:713 S '62.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238